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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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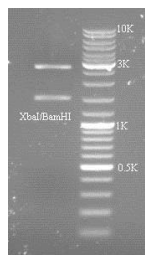
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

pUC-gp120 (ADA)(HIV-1/Clade B)

Cat# HIV-0023

Gene Name	pUC-gp120 (ADA)(HIV-1/Clade B)
Gene description:	Codon optimized cDNA clone of HIV-1 gp120 (ADA)(Clade B) for high-level expression in mammalian cells
cDNA Insert Size	1455 bp codon optimized HIV-1 gp120 (ADA)(Clade B) cDNA, corresponding to amino acid 34-518 (Gene accession# M60472) inserted at EcoRV site of pUC57 vector
Vector	pUC57
Cloning Site	EcoRV
Storage	4 °C.

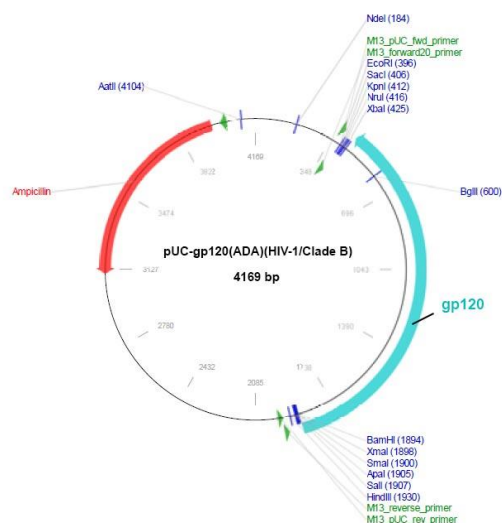
Quality Control



Restriction Enzyme Digestion:

Lane 1, digested with BamHI and XbaI
Lane 2, DNA ladder

Construct map:



Detailed amino acid sequence of the HIV-1 gp120 (ADA)(Clade B) cDNA clone:

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1      WVTVYYGVVPWKEATTTLFCASDAKAYDTEVHNWVATHACVPTDPNPQEVVLENVTFENFMWKNMVEQMHEDIISLWDQ
81     SLKPCVKLTPLCVTLNCTDLRNVNTINNSSEGMERGEIKNCSFNITTSIRDVKVKDYALFYRLDVVPIDNDNTSYRLINCN
161    TSTITQACPKVSFEPIPIHYCTPAGFAILKCKDKKFNGTGPKCNVSTVQCTHGIRPVVSTQLLLNGSLAEDEVIRSSNF
241    TDNAKNIIVQLKESVEINCTRPNNNTRKSIHIGPGRIFYTTGEIIGDIRQAHCNISRTKWNNTLNQIATKLKEQFGNNKT
321    IVFNQSSGGDEPEIVMHSFNCGGEFFYCNSTQLFNSTWNFNNGTWNLTQSNGETGNDTITLPCRIKQIINMWQEVGKAMYAP
401    PIRGQIRCSSNITGLILTRDGGTNSSGSEIFRPGGDMRDNRSELYKYKVKIEPLGVAPTAKRRRVVQREKRAVGTIG
481    AMFLG

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Detailed sequence of the whole construct (pUC-gp120(ADA)(HIV-1/Clade B):

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1      TCGCGCGTTTCGGTGATGACGGTGAAAACCTCTGACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAGCGGAT
81     GCCGGGAGCAGACAAGCCCGTCAGGGCGCGTCAGCGGGTGTGGCGGGTGTGGGGCTGGCTTAACATGCGGCATCAGA
161    GCAGATTGTACTGAGAGTGCACCATATGCGGTGTGAAATACCGCACAGATGCGTAAGGAGAAAAATACCGCATCAGGCGCC
241    ATTCGCCATTACAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGGCCTCTTCGCTATTACGCCAGCTGGCGAAAGGG
321    GGATGTGCTGCAAGGCGATTAAAGTTGGGTAAACGCCAGGGTTTTCCAGTCACGACGTTGTAAACGACGGCCAGTGAATT
401    CGAGCTCGGTACCTCGCAATGCATCTAGATGAAAGCCCAGGAACATGGCGCCGATGGTGCCACGGCTCTCTCTCTCT
481    CTGCACCACTCTCTCTCTTGGCCTTGGTGGGGGCCACGCCAGGGCTCGATCTTCACCACCTTGTACTTGTACAGCTCGC
561    TTCTCCAGTTGTCTCTCATGTGCGCCGCCCGGGTCTGAAGATCTCGCTGCCGCTGCTGTTGGTGCCGCCGCTCTCTGGTC
641    AGGATCAGGCCGGTGATGTTGCTGCTGATCTGATCTGGCCTCTGATGGGGGGGGCGTACATGGCCTTCCCACTCTCTG
721    CCACATGTTGATGATCTGCTGATTTCTGACGGCAGGGTGATGGTGTCTGTTGCCCTCGGTGCCGTTGCTCTGGGTGAGGT
801    TCCAGGTGCCGTTGAAGTTCCAGGTGCTGTTGAACAGCTGGGTGCTGTTGCAGTAGAAGAACTCGCCGCCGCGAGTTGAAG
881    CTGTGCATCACGATCTCGGGTGCAGCGCGCTGCTCTGGTTGAACACGATGGTCTTGTGTTGTCGAAGTCTCTCTTACAG
961    CTTGGTGGCGATCTGGTTCCAGGTGTTGTTCCACTTGGTTCTGCTGATGTTGCAGTGGGCTGTCTGATGTCGCCGATGA
1041   TCTCGCCGGTGGTGTAAGGCTCTGCCGGGGCCGATGTGGATGCTCTTCTGGTGTGTTGTTGGGTCTGGTGAGTTG
1121   ATCTCCACGCTCTCTCTCAGCTGCAGATGATGTTCTTGGCGTTGTGGTGAAGTGTGCTTCTGATCACCACTCTCTC
1201   CTCGGCCAGGCTGCCGTTCCAGCAGCAGCTGGGTGCTCACCCAGGGTCTGATGCCGTGGGTGCACTGCACGGTCTCACGT
1281   TCTTGCAGGGGCCGGTGCCGTTGAACCTTCTTGTCTTGCACCTCAGGATGGCGAAGCCGGCGGGGTGCACTAGTGGATG
1361   GGGATGGGCTCGAAGCTCACCTTGGGGCAGGCTGGGTGATGGTGTGTTGCTGAGTTGATCAGTCTGTAGCTGGTGTG
1441   GTGCTTGTGATGGGCACCACTCCAGTCTGTAGAAGAGGGCGTAGTCTTCTTACCTTGTCTCTGATGCTGGTGGTGA
1521   TGTTGAAGCTGCAGTTCTTGTATCTCGCCTCTCATGCCCTCGCTGTTGTTGATGTTGGTACGTTTTCTCAGGTCCGGTG
1601   CAGTTCCAGGTTCACGCACAGGGGGGTGAGTTTCCAGCAGGGCTTCCAGGCTCTGGTCCCACAGGCTGATGATGCTCTCGTG
1681   CATCTGCTCCACCATGTTGTTCTTCCACATGTTGAAGTTCTCGGTACGTTCTCCAGCACCACCTCTCTGGGGGTGGGGT
1761   CGGTGGGCACGCAGGCTGGGTGGCCACACGTTGTGCACCTCGGTGCTGATGGCCTTGGCGCTCGCTGGCGCAGAACAGG
1841   GTGGTGGTGGCCTCTCTTCCACAGGGGCACGCCGTAGTACACGGTCAACCAATCGGATCCCGGGCCCGTGCAGTGCAGAGG
1921   CCTGCATGCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAAATCCACACAACA
2001   TACGAGCCGGAAGCATAAAGTGTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTG
2081   CCCGCTTTCCAGTCGGGAAACCTGTGCTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCATAT
2161   TGGGCGCTCTTCCGCTTCCCTCGCTCACTGACTCGCTGCGCTCGGTGCTGCGCTGCGGCGAGCGGTATCAGCTCACTCAA
2241   AGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGAGGAAAGACATGTGAGCAAAAGGCCAGCAAAAGGCCAGG
2321   AACCGTAAAGAGCCGCGCTTGGCTGGCGTTTCCATAGGCTCCGCCCCCTGACGAGCATCAAAAATCCAGCCTCAAG
2401   TCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCTGTTC
2481   CGACCTTGGCGCTTACCGGATACCTGTCCGCTTCTCTCCCTTCCGGAAGCGTGGCGCTTCTCATAGCTCAGCTGTAGG
2561   TATCTCAGTTCCGTGTAGGTGCTTCCGCTCCAGCTGGGCTGTGTGCACGAACCCCCGTTGAGCCCGACCGCTGCGCCTT
2641   ATCCGGTAACATATCGTCTTGAAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTA
2721   GCAGAGCGAGGTATGAGGCGGTGCTACAGAGTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGAACAGCATTTT
2801   GGTATCTGCGCTGTGCTGAAGCGAGTTACGTTTCCGAAAGAGTGGTGGTGGTGTGATCTTGGATCCGGCAAAACACAGCTGG
2881   TAGCGGTGGTTTTTTTTGTTTGAAGCAGCAGATTACGCGCAGAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTA
2961   CGGGGTCTGACGCTCAGTGAACGAAACTCACGTTAAGGGATTTTGGTTCATGAGATTATCAAAAAGGATCTTCACTAG
3041   ATCCTTTTAAATTAATAAAGTGTAAATCAATCTAAAGTATATATAGTAAACTTGGTCTGACAGTTACCAATGCTT
3121   AATCAGTGAGGACCTATCTCAGCGATCTGTCTATTTCTGTTTCATCCATAGTTGCGTGAAGTCCCGCTCGTGTAGATAACTA
3201   CGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCA
3281   GCAATAAACGACGACCGGGAAGGGCGGACGCGCAAGTGGTCTGCAACTTTATCCGCTCCATCCAGTCTATTATTTG
3361   TTGCCGGAAGCTAGAGTAAGTAGTTCGCCAGTAAAGTGTGCGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGT
3441   CACGCTCGTCTGTTGGTATGGCTTCATTCAGCTCCGGTTCACACGATCAAGGCGAGTTACATGATCCCCATGTTGTGC
3521   AAAAAAGCGGTAGCTCCTTCGGTCTCCGATCGTTGTGAGAAGTAAGTTGGCCGAGTGTATCACTCATGGTTATGGC
3601   AGCACTGCATAATTCTCTTACTGTGATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGGTACTCAACCAAGTCATTCT
3681   GAGAATAGTGATGCGGCGACCGAGTTGCTCTTGGCCGCGCTCAATACGGGATAATACCGCGCCACATAGCAGAACTTTA
3761   AAAGTGCTCATATTGAAAAACGTTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTA
3841   ACCCACTGTGCACCAACTGATCTTCAGCATCTTTTACTTTCACGAGCTTCTGGGTGAGCAAAAAACAGGAAGGCAAA
3921   ATGCCGCAAAAAAGGAATAAGGGCGACACGGAATGTTGAATACTCATACTCTTCTTTTCAATATTATTGAAGCATT
4001   TATCAGGGTTATGTCTCATGAGCGGATACATATTGAATGTATTTAGAAAAATAACAAATAGGGGTTCGCGCACATT

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4081 TCCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATTATTATCATGACATTAACCTATAAAAAATAGGCGTATCACGAGGC
4161 CCTTTCGTC