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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TLR8 (Human) Recombinant Protein (P01)

Catalog Number: H00051311-P01

Regulation Status: For research use only (RUO)

Product Description: Human TLR8 full-length ORF (NP_619542.1, 1 a.a. - 1041 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MENMFLQSSMLTCIFLLISGSCELCAEENFSRSPYCDCE
KKQNDSVIAECSNRRLQVEPQTVGKYVELDLSDNFIT
HITNESFQGLQNLTKINLNHNPNVQHQNNGPIQSNG
LNITDGAFLNLKNLRELLLEDNQLPQIPSGLPESLTEL
LIQNNIYNITKEGISRLINLKNLYLAWNCYFNKVCEKTN
EDGVFETLTNLELLSLSFNSLSHVPPKLPSSLRKFLSN
TQIKYISEEDFKGLINLTLLDLSGNCPRCFNAPPCVPC
DGGASINIDRFAFQNLTLRLYNLSSTSLRKINAAWFK
NMPHLKVLDFEFNYLVGEIASGAFLTMLPRLEILDLSFN
YIKGSYPQHINISRNFSKLLSLRALHLRGYVFQELREDD
FQPLMQLPNLSTINLGINFIKQIDFKLFQNFNLEIYLSE
NRISPLVKDTRQSYANSSSFQRHIRKRRSTDFEFDPHS
NFYHFTRPLIKPQCAAYGKALDLSNSIFFIGPNQFENL
PDIACNLNSANSNAQVLSGTEFSAIPHVKYLDLTNNRL
DFDNASALTELSDEVLDSLNSHYFRIAGVTHHLEFIQ
NFTNLKVLNLSHNNIYTLTDKYNLESKSLVELVFSGNRL
DILWNNDDNRYISIFKGLKNLTRLDSLNLRLKHIPNEAF
LNLPASTELHINDNMLKFFNWTLQFPRLLELDLRG
NKLLFLTDSLSDFTSSLRTLLSHNRISHLP SGFLSEVS
SLKHLDLSSNLLKTINKSALETKTTTKLSMELHGNPFE
CTCDIGDFRRWMDEHLNVKIPRLVDVICASPGDQRGK
SIVSLELTTCVSDVTAVILFFFTFFITTMVLAALAHHLF
YWDVWFIYNVCLAKVKGYRSLSTSQTIFYDAYISYDTK
DASVTDWVINELRYHLEESRDKNVLLCLEERDWD PGL
AIIDNLMQSINQSKKTVFVLTKKYAKSWNFKTA FYLALQ
RLMDENMDVIFILLEPVLQHSQYLRLRQRICKSSILQW
PDNPKAEGLFWQTLRNVVLTENDSRYNMYVDSIKQY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 146.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 51311

Gene Symbol: TLR8

Gene Alias: CD288, MGC119599, MGC119600

Gene Summary: The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. [provided by RefSeq]