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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HK3 (Human) Recombinant Protein (P01)

Catalog Number: H00003101-P01

Regulation Status: For research use only (RUO)

Product Description: Human HK3 full-length ORF (AAH28129.1, 1 a.a. - 923 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDSIGSSGLRQGEETLSCSEEGLPGPSDSSELVQECL
QQFKVTRAQLQQIQASLLGSMEQALRGQASPAPAVR
MLPTYVVGSTPHGTEQGDFVLELGATGASLRVLWVTL
TGIEGHRVEPRSQEFVIPQEVMLGAGQQLFDFAAHCL
SEFLDAQPVNKQGLQLGFSFSFPCHQTGLDRSTLISW
TKGFRCSGVEGQDVVQLLRDAIRRQGAYNIDVVAVVN
DTVGTMMGCEPGVRPCEVGLVVDGTNACYMEEAR
HVAVLDEDRGRVCVSVEWGSFSDDGALGPVLTTFDH
TLDHESLNPGAQRFEKMIGGLYLGELVRLVLAHLARC
GVLFGGCTSPALLSQGSILLEHVAEMEDPSTGAARVH
AILQDLGLSPGASDVELVQHVCAAVCTRAAQLCAAALA
AVLSCLQHSREQQLQVAVATGGRVCERHPRFCSVL
QGTVMLLAPECDVSLIPSDVGGGRGVAMVTAVAARLA
AHRRLLEETLAPFRLNHDQLAAVQAQMRKAMAKGLR
GEASSLRMLPTFVRATPDGSERGDFLALDLGGTNFRV
LLVRVTTGVQITSEIYSIPETVAQGSQQQLFDHIVDCIV
DFQQKQGLSGQSLPLGFTFSFPCRQLGLDQGILLNWT
KGFKASDCEGQDVVSLREAITRRQAVELNVVAIVNDT
VGTMMSCGYEDPRCEIGLIVGTGTNACYMEELRNVAG
VPGDSGRMCINMEWGAFGDDGSLAMLSTRFDASVDQ
ASINPGKQRFEKMISGMYLGEIVRHILLHLTSLGVLFGRG
QQIQLRQTRDIFKTKFLSEIESDSLALRQVRAILEDLGLP
LTSDDALMVLEVCQAVSQRAAQLCGAGVAAVVEKIRE
NRGLEELAVSVGVDGTLYKLHPRFSSLVAATVRELAP
RCVVTFLQSEDGSGKGAALVTAVACRLAQLTRV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 125.4

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: 3101

Gene Symbol: HK3

Gene Alias: HKIII, HXK3

Gene Summary: Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 3. Similar to hexokinases 1 and 2, this allosteric enzyme is inhibited by its product glucose-6-phosphate. [provided by RefSeq]