

Hexokinase-1 Recombinant Protein | HK1 recombinant protein

Recombinant Human Hexokinase-1

CATALOG # AAA113198	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Hexokinase-1; Recombinant Human Hexokinase-1; Brain form hexokinaseHexokinase type I; HK I; HK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-917aa; Full Length Protein
Sequence	MIAAQLLAY FTELKDDQVK KIDKYLYAMR LSEDTLIDIM TRFRKEMKNG LSRDFNPTAT VKMLPTFVRS IPDGSEKGF IALDLGGSSF RILRVQVNHE KNQNVHMESE VYDTPENIVH GSGSQLFDHV AECLGDFMEK RKIKDKKLPV GFTFSFPCQQ SKIDEAILIT WTKRFKASGV EGADVVKLLN KAIKKRGDYD ANIVAVVNDT VGTMMTCGYD DQHCEVGLII GTGTNACYME ELRHIDLVEG DEGRMCINTE WGAFGDDGSL EDIRTEFDRE IDRGS LNPGK QLFKEMVSGM YLGELVRLIL VKMAKEGLLF EGRITPELLT RGKFNSTSDVS AIEKNKEGLH NAKEILTRLG VEPSDDDCVS VQHVCTIVSF RSANLVAATL GAILNRLRDN KGTPRLRTTV GVDGSLYKTH PQYSRRFHKT LRRLVPDSDV RFLLESSESG KGAAMVTAVA YRLAEQHRQI EETLAHFHLT KDMLEVKKR MRAEMELGLR KQTHNNNAV K MLPSFVRRTP DGTENGDFLA LDLGGTNFRV LLVKIRSGKK RTVEMHNKIY AIP EIMQGT GEELFDHIVS CISDFLDYMG IKGPRMPLGF TFSFPCQQT S LDAGILITWT KGFKATDCVG HDVVTLLRDA IKRREEFDLD VVAVVNDTVG TMMTCAYEEP TCEVGLIVGT GSNACYMEEM KNVEMVEGDQ GQMCINMEWG AFGDNGCLDD IRTHYDRLVD EYSLNAGKQR YEKMISGMYL GEIVRNILID FTKKGFLFRG QISETLKTRG IFETKFLSQI ESDRLALLQV RAILQQLGLN STCDD SILVK TVCGVVSRR A AQLCGAGMAA VVDKIRENRG LDRLNVTGVG DGTLYKLHPH FSRIMHQT VK ELSPKCNVSF LLEDGSGKG AALITAVGVR LRTEASS
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for HK1 recombinant protein	Metabolism
References	Human hexokinase sequences of amino- and carboxyl-terminal halves are homologous.Nishi S., Seino S., Bell G.I.Biochem. Biophys. Res. Commun. 157:937-943(1988) Structure of the human hexokinase type I gene and nucleotide sequence of the 5' flanking region.Ruzzo A., Andreoni F., Magnani M.Biochem. 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NCBI AND UNIPROT INFORMATION

NCBI GI #	188497754
NCBI GeneID	3098

NCBI Accession #	NP_000179.2
NCBI GenBank Nucleotide #	NM_000188.2
UniProt Accession #	P19367 ; O43443 ; O43444 ; O75574 ; Q5VTC3 ; Q96HC8 ; Q9NNZ4 ; Q9NNZ5 ; E9PCK0
Molecular Weight	106.5 kDa
NCBI Official Full Name	hexokinase-1 isoform HKI
NCBI Official Synonym Full Names	hexokinase 1
NCBI Official Symbol	HK1
NCBI Official Synonym Symbols	HKD; HKI; HXK1; HMSNR; HK1-ta; HK1-tb; HK1-tc
NCBI Protein Information	hexokinase-1
UniProt Protein Name	Hexokinase-1
UniProt Gene Name	HK1
UniProt Synonym Gene Names	HK I
UniProt Entry Name	HXK1_HUMAN

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