

Recombinant Human HK3 protein, His&GST-tagged

Cat. No. HK3-1347H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HK3 protein(P52790) (Met 1-Val 923) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-923 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4.
Molecular Mass	The recombinant human HK3/GST chimera consists of 1160 amino acids and has a calculated molecular mass of 127 kDa. It migrates as an approximately 115 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 93 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_002106.2
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Unit ID	P52790
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Unit ID-Weblink	http://www.uniprot.org/uniprot/P52790
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GENE INFORMATION

Gene Name	HK3 hexokinase 3 (white cell) [Homo sapiens]
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Official Symbol	HK3
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Synonyms	HK3; hexokinase 3 (white cell); hexokinase-3; HK III; hexokinase type III; ATP:D-hexose 6-phosphotransferase; HXK3; HKIII;
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Gene ID	3101
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mRNA Refseq	NM_002115
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protein Refseq	NP_002106
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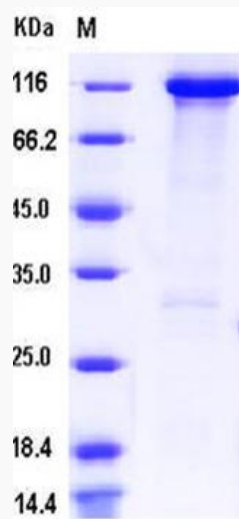
MIM	142570
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SDS-PAGE



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