

Recombinant Human SHPK protein, His&GST-tagged

Cat. No. SHPK-2205H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHPK protein(NP_037408.2) (Ala2-Ser478) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-478 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human SHPK/GST chimera consists of 714 amino acids and has a calculated molecular mass of 79.2 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

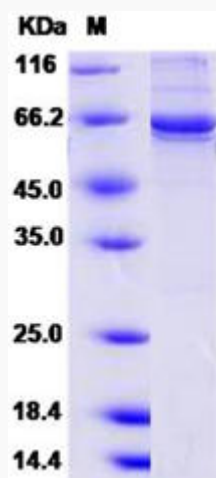
Gene Name	SHPK sedoheptulokinase [Homo sapiens]
Official Symbol	SHPK
Synonyms	SHPK; sedoheptulokinase; carbohydrate kinase like , CARKL; SHK; carbohydrate kinase-like protein; CARKL; FLJ32478;
Gene ID	23729
mRNA Refseq	NM_013276
Protein Refseq	NP_037408
MIM	605060
UniProt ID	Q9UJH6

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SDS-PAGE



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