

Recombinant Human GALK1 protein, His&GST-tagged

Cat. No. GALK1-1156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALK1 protein(P51570) (Met 1-Leu 392) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-392 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 2mM GSH, pH 8.0.
Molecular Mass	The recombinant human GALK1/GST chimera consists of 629 amino acids and has a calculated molecular mass of 70 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % 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

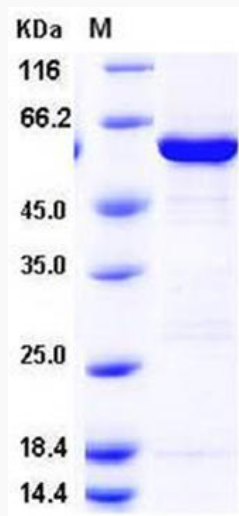
Gene Name	GALK1 galactokinase 1 [Homo sapiens]
Official Symbol	GALK1
Synonyms	GALK1; galactokinase 1; GALK; galactokinase; galactose kinase; GK1;
Gene ID	2584
mRNA Refseq	NM_000154
Protein Refseq	NP_000145
MIM	604313
UniProt ID	P51570

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SDS-PAGE



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