

Recombinant Human GALK1 protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GALK1 protein(P51570)(Met1-Leu392), fused with His tag and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-392 a.a.
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, pH 8.0Please contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
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.
Proteinlength	Met1-Leu392
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted 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.

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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