

Recombinant Human PHKG1 protein, GST-tagged

Cat. No. PHKG1-651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHKG1 protein(NP_006204.1) (Met 1-Tyr 387) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-387 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 0.5mM PMSF, pH 8.0.
Molecular Mass	The recombinant human PHKG1/GST chimera consists of 612 amino acids and predicts a molecular mass of 71.3 kDa. It 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	> 87 % 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.

protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_006204.1

Unit ID Q16816

Unit ID-Weblink <http://www.uniprot.org/uniprot/Q16816>

GENE INFORMATION

Gene Name PHKG1 phosphorylase kinase, gamma 1 (muscle) [Homo sapiens]

Official Symbol PHKG1

Synonyms PHKG1; phosphorylase kinase, gamma 1 (muscle); PHKG; phosphorylase b kinase gamma catalytic chain, skeletal muscle isoform; phosphorylase kinase gamma; phosphorylase kinase subunit gamma-1;

Gene ID 5260

mRNA Refseq NM_006213

protein Refseq NP_006204

MIM 172470

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