

Active Recombinant Human GRK6 protein, His&GST-tagged

Cat. No. GRK6-974H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GRK6 protein(P43250-2) (Met 1-Arg 589) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-589 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 2mM GSH, 0.5mM PMSF, pH 7.4.
Bio-activity	The specific activity was determined to be 7 nmol/min/mg using casein as substrate.
Molecular Mass	The recombinant human GRK6/GST chimera consists of 826 amino acids and has a calculated molecular mass of 95.1 kDa. It migrates as an approximately 85 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.

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Concentration	0.1-1.0 mg/ml
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GENE INFORMATION

Gene Name	GRK6 G protein-coupled receptor kinase 6 [Homo sapiens]
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Official Symbol	GRK6
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Synonyms	GRK6; G protein-coupled receptor kinase 6; GPRK6; FLJ32135;
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Gene ID	2870
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mRNA Refseq	NM_001004105
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Protein Refseq	NP_001004105
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MIM	600869
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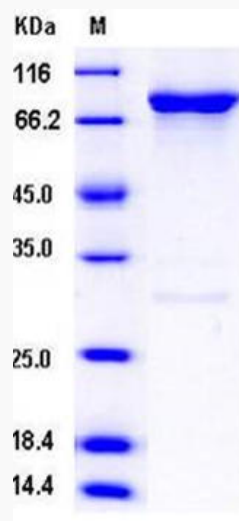
UniProt ID	P43250
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SDS-PAGE



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