

Recombinant Human GRK6, GST-tagged

Cat. No. GRK6-13542H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRK6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	53-448a.a.
Description	Members of the G protein-coupled receptor family, such as GPR176, are cell surface receptors involved in responses to hormones, growth factors, and neurotransmitters (Hata et al., 1995 [PubMed 7893747]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GRK6 G protein-coupled receptor kinase 6 [Homo sapiens]
Official Symbol	GRK6

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Synonyms	GRK6; G protein-coupled receptor kinase 6; GPRK6; FLJ32135;
Gene ID	2870
mRNA Refseq	NM_001004105
Protein Refseq	NP_001004105
MIM	600869
UniProt ID	P43250
Chromosome Location	5q35
Pathway	CXCR4-mediated signaling events, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Morphine addiction, organism-specific biosystem;
Function	ATP binding; G-protein coupled receptor kinase activity; nucleotide binding;