

Recombinant Human G Protein-Coupled Receptor Kinase 6, GST-tagged

Cat. No. GRK6-1233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanfull length GRK6, GST-tagged. No special measures were taken to activate thiskinase.
Species	Human
Source	Insect Cells
Description	Thisgene encodes a member of the guanine nucleotide-binding protein (Gprotein)-coupled receptor kinase subfamily of the Ser/Thr protein kinasefamily. The protein phosphorylates the activated forms of G protein-coupledreceptors thus initiating their deactivation. Several transcript variantsencoding different isoforms have been described for this gene. GRK6 appearsto be involved in responses to morphine.
Form	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT +50% glycerol.
Molecular Weight	94.0 kDa
Purity	≥ 90% as determinedby SDS-PAGE analysis
Storage	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	GRK6

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Full Length

Full L.

GENE INFORMATION

Gene Name

GRK6 G protein-coupled receptorkinase 6 [Homo sapiens]

Synonyms

GRK6; G protein-coupledreceptor kinase 6; GPRK6; FLJ32135; G protein-coupled receptor kinase 6;OTTHUMP00000223834; OTTHUMP00000223835; OTTHUMP00000223836;OTTHUMP00000231482; OTTHUMP00000231483; g protein-coupled receptor kinaseGRK6

Gene ID

2870

mRNA Refseq

NM_001004105

Protein Refseq

NP_001004105

MIM

600869

UniProt ID

P43250

Chromosome Location

5q35

Pathway

CXCR4-mediated signalingevents; Chemokine signaling pathway; Chemokine signaling pathway; Endocytosis;Myometrial Relaxation and Contraction Pathway

Function

ATP binding; G-protein coupledreceptor kinase activity; nucleotide binding; signal transducer activity

PDBrendering based on 2acx.
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