GRK6 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	GRK6, Blocking Peptide
Full Product Name	GRK6 Peptide - C-terminal region
Product Gene Name	GRK6 blocking peptide
Product Synonym Gene Name	FLJ32135; GPRK6
Sequence	LYEMIAGQSP FQQRKKKIKR EEVERLVKEV PEEYSERFSP QARSLCSQLL
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	GRK6 peptide (MBS3240143) is used for blocking the activity of GRK6 antibody (MBS3215237)
Molecular Weight	67kDa
Product Categories/Family for GRK6 blocking peptide	Peptide
Applications Tested/Suitable for GRK6 blocking peptide	Western Blot (WB)
Related Product Information for GRK6 blocking peptide	This is a synthetic peptide designed for use in combination with anti-GRK6 Antibody, made Target Description: This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. Several transcript variants encoding different isoforms have been described for this gene.
Other Notes	Small volumes of GRK6 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GRK6 purchase	MBS3240143 is a blocking peptide targeting GRK6. Also known as GRK6 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRK6. It may not necessarily be applicable to this product.

NCBI GI #	51896035
NCBI GeneID	2870
NCBI Accession #	NP_002073
UniProt Primary Accession #	Q96AD6
UniProt Related Accession #	P43250
GenBank Nucleotide #	NM_002082
NCBI Official Full Name	G protein-coupled receptor kinase 6 isoform B
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 6

NCBI Official Symbol	GRK6
NCBI Official Synonym Symbols	GPRK6
Protein Family	G protein-coupled receptor kinase
NCBI Protein Information	G protein-coupled receptor kinase 6
NCBI Summary for GRK6	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Research Articles on GRK6	**1.** GRK6 overexpression can significantly enhance tumor proliferation and invasion, which was consistent with clinical findings.
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