

Active Recombinant Full Length Human GRK4 Protein

Cat. No. GRK4-4746HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Full-length human GPRK4 [1-578(end) amino acids of accession number NP_892027.2] was expressed as N-terminal GST-fusion protein using baculovirus expression system. GST-GPRK4 was purified by using glutathione sepharose chromatography. GST-GPRK4 was cleaved by PreScission protease and GST-free GPRK4(67 kDa) was collected as flow-through fraction from glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-578
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	78%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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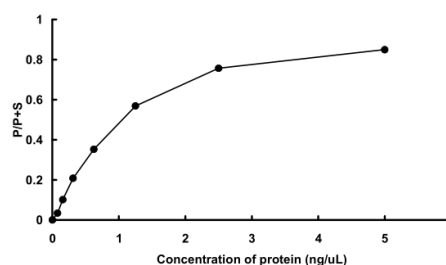
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	G protein-coupled receptor kinase 4
Official Symbol	GRK4
Synonyms	GRK4;GPRK2L;GPRK4;GRK4a;IT11
Protein Refseq	NP_892027.2
UniProt ID	P32298

Activity data

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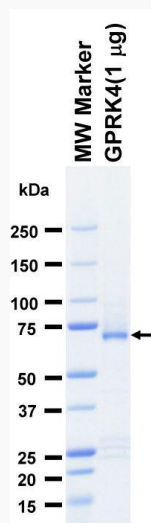
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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