

Bioactive

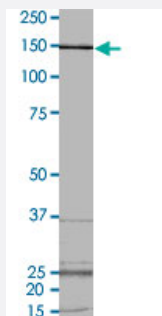
Full-Length

PRKD1 (Human) Recombinant Protein

Catalog # P4761

Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human PRKD1 (NM_002742, 1 a.a. - 912 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	139.489
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH agarose
Concentration	0.120 ug/uL

Activity	4 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PRKD1

Entrez GeneID	5587
Protein Accession#	NM_002742
Gene Name	PRKD1
Gene Alias	PKC-MU, PKCM, PKD, PRKCM
Gene Description	protein kinase D1
Omim ID	605435
Gene Ontology	Hyperlink
Gene Summary	Members of the protein kinase C (PKC) family function in many extracellular receptor-mediated signal transduction pathways. See PRKCA (MIM 176960) for further background information. The PRKCM gene encodes a cytosolic serine-threonine kinase that binds to the trans-Golgi network and regulates the fission of transport carriers specifically destined to the cell surface.[supplied by OMIM]
Other Designations	protein kinase C, mu

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)