

Bioactive

Full-Length

PRKD2 (Human) Recombinant Protein

Catalog # P6552

Size 5 ug

Applications

Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human PRKD2 (NP_057541.2, 1 a.a. - 878 a.a.) full length recombinant protein with GST-tag at N-terminal using baculovirus expression system.
Host	Viruses
Form	Liquid
Preparation Method	Baculovirus expression system.
Purification	Glutathione sepharose chromatography.
Purity	0.84
Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescently-labeled substrate and Mg (or Mn)/ATP. Substrate: GS peptide, ATP: 100 uM.
Quality Control Testing	The purity was assessed by SDS-PAGE/CBB staining.
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Storage Instruction	Stored at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Result of activity analysis
	Result of activity analysis

Applications

- Functional Study

Gene Info — PRKD2

Entrez GeneID	25865
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Protein Accession#	NP_057541.2
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Gene Name	PRKD2
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Gene Alias	HSPC187, PKD2
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Gene Description	protein kinase D2
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Omim ID	607074
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene belongs to the protein kinase D (PKD) family of serine/threonine protein kinases. This kinase can be activated by phorbol esters as well as by gastrin via the cholecystinin B receptor (CCKBR) in gastric cancer cells. It can bind to diacylglycerol (DAG) in the trans-Golgi network (TGN) and may regulate basolateral membrane protein exit from TGN. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
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Other Designations	-
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Disease

- [Cardiovascular Diseases](#)
- [Chromosome Aberrations](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Leukemia](#)