

Full-Length

PLCB2 (Human) Recombinant Protein (P01)

Catalog # H00005330-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PLCB2 full-length ORF (AAH00939, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSLLNPVLLPPKVKAYLSQGERFIKWDETTVASPVILRVDPKGYLYWTYQSKEMEFLDITSIRDTRFGKFAKMPKSQKL RDVFNMDFPDNSFLLKTLTVVSGPDMVDLTFHNFVPYKENVGKAWAEDVLALVKHPLTANASRSTFLDKILVKLKMQLNSEGKIPVKNFFQMFPADRKRVEAALSACHLPKGKPGGAR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.63
Interspecies Antigen Sequence	Mouse (90); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PLCB2

Entrez GeneID	5330
GeneBank Accession#	BC000939
Protein Accession#	AAH00939
Gene Name	PLCB2
Gene Alias	FLJ38135
Gene Description	phospholipase C, beta 2
Omim ID	604114
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Pathway

- [Calcium signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)

- [GnRH signaling pathway](#)
- [Inositol phosphate metabolism](#)
- [Long-term depression](#)
- [Long-term potentiation](#)
- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Wnt signaling pathway](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dyslexia](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Narcolepsy](#)
- [Perception](#)
- [Taste](#)