

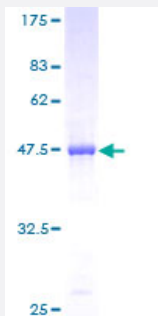
Full-Length

PLA2G4C (Human) Recombinant Protein (P01)

Catalog # H00008605-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PLA2G4C full-length ORF (AAH17956, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGSSEVSIIPLQLQKEEKAAVERRRRLHVLKALKKLRIEADAPVAVLGSGGGLRAHIACLGVLSEM KEQGLLDVAVTYLAGVSGSTWAISSLYTNDGDMEALEADLKHFRFTRQEWDLAQSLQKTIQAARSEN YSLTDFWAYMVISKQTRELPESHLSNMKKPVVEEGLTPYPIFAAIDNDLQPSWQEARAPGKQTFRG RER
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.63
Interspecies Antigen Sequence	Mouse (67);
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 — PLA2G4C

Entrez GeneID	8605
GeneBank Accession#	BC017956
Protein Accession#	AAH17956
Gene Name	PLA2G4C
Gene Alias	CPLA2-gamma, DKFZp586C0423
Gene Description	phospholipase A2, group IVC (cytosolic, calcium-independent)
Omim ID	603602
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which is a member of the phospholipase A2 enzyme family which hydrolyzes glycerophospholipids to produce free fatty acids and lysophospholipids, both of which serve as precursors in the production of signaling molecules. The encoded protein has been shown to be a calcium-independent and membrane bound enzyme. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	cytosolic phospholipase A2 gamma phospholipase A2, cytosolic, calcium-independent, gamma phospholipase A2, group IVC

Disease

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