

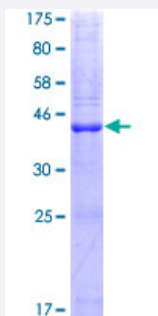
Full-Length

PLA2G10 (Human) Recombinant Protein (P01)

Catalog # H00008399-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PLA2G10 full-length ORF (NP_003552.1, 1 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGPLPVCLPIMLLLLLPSLLLLLLPGPGSGEASRLRVHRRGILELAGTVGCVGPRTPIAYMKYGCF CGLGGHGGQPRDAIDWCCHGHDCCYTRAEEAGCSPKTERYSWQCVNQSVLCGPAENKCQELLC KCDQEIANCLAQTEYNLKYLFYPQFLCEPDSPKCD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.6
Interspecies Antigen Sequence	Mouse (71); Rat (69)
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 — PLA2G10

Entrez GeneID	8399
GeneBank Accession#	NM_003561.1
Protein Accession#	NP_003552.1
Gene Name	PLA2G10
Gene Alias	GXPLA2, GXPLA2, MGC119918, MGC119919, MGC133367, SPLA2
Gene Description	phospholipase A2, group X
Omim ID	603603
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)

- [Fc epsilon RI signaling pathway](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)
- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)