

Secreted Phospholipase A2-V Recombinant Protein | PLA2G5 recombinant protein

Recombinant Human Secreted Phospholipase A2-V

CATALOG # AAA38280	HOST E Coli
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PRODUCT SYNONYMS

Secreted Phospholipase A2-V; Recombinant Human Secreted Phospholipase A2-V; Calcium-dependent phospholipase A2; EC 3.1.1.4; Phosphatidylcholine 2-acylhydrolase; PLA2-10; Group V phospholipase A2; GV-PLA2; MGC46205; hVPLA(2); DKFZp686C2294; sPLA2-V; PLA2G5.; PLA2G5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS PAGE.
Form/Format	Filtered (0.4um) and lyophilized in 0.5 mg/mL in 0.05M Acetate buffer pH4. Lyophilized (freeze-dried) powder.
Sequence	MRGSHHH HHHGMASHM< /u>GLLDLKS MIEKVTGKNA LTNYGFYGCY CGWGGRGTPK DGTDWCCWAH DHCYGRLEEK GCNIRTQSYK YRFAWGVVTC EPGPFCHVNL CACDRKLVYC LKRNLRSYNP QYQYFPNLC S
Sequence Length	138
Reconstitution	Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10ug/ml. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation and Storage	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

ADDITIONAL INFORMATION

Related Product Information for PLA2G5 recombinant protein	Secreted Phospholipase A2-V Human Recombinant was produced with N-terminal His-Tag. PLA2G5 His-Tagged Fusion protein is 15.5 kDa containing 118 amino acid residues of the human secreted phospholipase A2-V and 16 additional amino acid residues – His-Tag (underlined).
Product Categories/Family for PLA2G5 recombinant protein	Enzymes; Secreted Phospholipase A2

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505853
NCBI GeneID	5322
NCBI Accession #	NP_000920.1
NCBI GenBank Nucleotide #	NM_000929.2
UniProt Accession #	P39877; Q8N435
NCBI Official Full Name	calcium-dependent phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group V

NCBI Official Symbol	PLA2G5
NCBI Official Synonym Symbols	FRFB; GV-PLA2; PLA2-10; hVPLA(2)
NCBI Protein Information	calcium-dependent phospholipase A2; Ca2+-dependent phospholipase A2; phosphatidylcholine 2-acylhydrolase 5
UniProt Protein Name	Calcium-dependent phospholipase A2
UniProt Gene Name	PLA2G5
UniProt Entry Name	PA2G5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/pla2g5-recombinant-protein-e-coli/38280>