

Secreted Phospholipase A2-XII Human Recombinant

Item Number	rAP-1817
Synonyms	Group XIIA secretory phospholipase A2, EC 3.1.1.4, Phosphatidylcholine 2-acylhydrolase GXII, GXII sPLA2, PLA2G12, sPLA2-XII, PLA2G12A.
Description	Secreted Phospholipase A2-XII Human Recombinant was produced with N-terminal His-Tag. PLA2G12 His-Tagged Fusion Protein is 20.6 kDa containing 167 amino acid residues of the human secreted phospholipase A2-XII and 16 additional amino acid residues – His-Tag (underlined).
Uniprot Accession Number	Q9BZM1
Amino Acid Sequence	MRGSHHHHHH GMASHMQEQA QTTDWRATLK TIRNGVHKID TYLNAALDLL GGEDGLCQYK CSDGSKPFPR YGYKPSPPNG CGSPLFGVHL NIGIPSLTKC CNQHRCYET CGKSKNDCDE EFQYCLSKIC RDVQKTLGLTQ HVQACETTVE LLFDSVIHLG CKPYLDSQRA ACRCHYEKT DL
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.01M Tris buffer pH 8.6. Greater than 95% as determined by SDS PAGE.
Application	Western blotting.
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it o
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**