

Secreted Phospholipase A2-IIe Human Recombinant

Item Number	rAP-1814
Synonyms	Group IIE secretory phospholipase A2, EC 3.1.1.4, Phosphatidylcholine 2-acylhydrolase GIIE, GIIE sPLA2, sPLA(2)-IIE, sPLA2-IIE, PLA2G2E.
Description	Secreted Phospholipase A2-IIe Human Recombinant manufactured with N-terminal His-Tag. PLA2G2E His-Tagged Fusion Protein is 15.8 kDa protein containing 123 amino acid residues of the human secreted phospholipase A2-IIe and 16 additional amino acid residues – His-Tag
Uniprot Accession Number	Q9NZK7
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered 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	Sterile filtered and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4. Greater than 95% as determined by SDS PAGE.
Application	
Solubility	Add 0.2 ml of 0.1M Acetate buffer pH-4 and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/ml. In higher concentrations the solubility of t
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**