

Recombinant Human PLA2G7 protein ab152087

Description	
Product name	Recombinant Human PLA2G7 protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>Q13093</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	FDWQYINPVAHMKSSAWVNKIQVLMAAASFGQTKIPRGN GPYSVGCTDLM FDHTNKGTFRLRYPSQDNDRLDTLWIPNKEYFWGLSKFL GTHWLMGNIL RLLFGSMTTPANWNSPLRPGEKYPLVVFSHGLGAFRTLYS AIGIDLASHG FVAAVEHRDRSASATYYFKDQSAAEIGDKSWLYLRTLKQ EEETHIRNEQ VRQRAKECSQALSLILDIDHGKPVKNALDLKFDMEQLKDS IDREKIAVIG HSFGGATVIQTLSEDQRFRCGIALDAWMFPLGDEVYSRIP QPLFFINSEY FQYPANIIKMKKCYSPODKERKMITIRGSVHQNFADFTFATG KIIGHMLKL KGDIDSNAAI DLSNKASLAFLQKHLGLHKDFDQWDCLIEGDDENLIPGTNI NTTNQHIML QNSSGIEKYN VDHHHHHH
Predicted molecular weight	51 kDa including tags
Amino acids	22 to 441
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab152087** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	HPLC
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 5 Constituents: Acetic acid buffer, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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General Info

Function	Modulates the action of platelet-activating factor (PAF) by hydrolyzing the sn-2 ester bond to yield the biologically inactive lyso-PAF. Has a specificity for substrates with a short residue at the sn-2 position. It is inactive against long-chain phospholipids.
Tissue specificity	Plasma.
Involvement in disease	Platelet-activating factor acetylhydrolase deficiency Asthma Atopic hypersensitivity
Sequence similarities	Belongs to the AB hydrolase superfamily. Lipase family.
Cellular localization	Secreted, extracellular space.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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