

## Product datasheet

# Recombinant Human PLA2G7 protein ab152087

### Description

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

### Specifications

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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.

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Liquid

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## Preparation and Storage

<b>Stability and Storage</b>	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

<b>Function</b>	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.
<b>Tissue specificity</b>	Plasma.
<b>Involvement in disease</b>	Platelet-activating factor acetylhydrolase deficiency Asthma Atopic hypersensitivity
<b>Sequence similarities</b>	Belongs to the AB hydrolase superfamily. Lipase family.
<b>Cellular localization</b>	Secreted, extracellular space.

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

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