

Recombinant Human PLA2G7 Protein

Catalog #	Source	Reactivity	Applications
CRP2114	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human PLA2G7 Protein is produced by our Mammalian expression system and the target gene encoding Phe22-Asn441 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 50mM NaAc, 150mM NaCl, 10% Glycerol, pH5.0.

Gene Symbol PLA2G7

Alternative Names PAFAH; Platelet-activating factor acetylhydrolase; PAF acetylhydrolase; 1-alkyl-2-acetyl-glycerophosphocholine esterase; 2-acetyl-1-alkyl-glycerophosphocholine esterase; Group-VIIA phospholipase A2; gVIIA-PLA2; LDL-associated phospholipase A2; LDL-PLA(2); PA

Entrez Gene 7941 (Human)

SwissProt Q13093 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure FDWQYINPVA HMKSSAWVNK IQVLMMAASF GQTKIPRGNG PYSVGCTDLM
 FDHTNKGTFLL RLYYPSQDND RLDTLWIPNK EYFWGLSKFL GTHWLMGNIL RLLFGSMTTP
 ANWNSPLRPG EKYPVVFSH GLGAFRTLYS AIGIDLASHG FIVA AVEHRD RSASATYYFK
 DQSAAEIGDK SWLYLRTLKQ EEETHIRNEQ VRQRAKECSQ ALSLILDIDH GKPVKNALDL
 KFDMEQLKDS IDREKIAVIG HSF GGATVIQ TLSEDQRFRC GIALDAWMFP LGDEVYSRIP
 QPLFFINSEY FQYPANIIKM KKCYS PDKER KMITIRGSVH QNFADFTFAT GKIIGHMLKL
 KGDIDSNAAI DLSNKASLAF LQKHLGLHKD FDQWDCLIEG DDENLIPGTN INTTNQHIML
 QNSSGIEKYN VDHHHHHH

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year.

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