

Product datasheet for **TP723349**

PAFAH (PLA2G7) (NM_005084) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) (PLA2G7), transcript variant 1.
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	FDWQYINPVA HMKSSAWVNK IQVLMAAASF GQTKIPRGNG PYSVGCTDLM FDHTNKGTFL RLYYPSQDND RLDTLWIPNK EYFWGLSKFL GTHWLMGNIL RLLFGSMTP ANWNSPLRPG EKYPVWFSH GLGAFRTLYS AIGIDLASHG FIVAAVEHRD RSASATYYFK DQSAAEIGDK SWLYLRTLKQ EEETHIRNEQ VRQRAKECSQ ALSLILDIDH GKPVKNALDL KFDMEQLKDS IDREKIAVIG HSFGGATVIQ TLSEDQRFRC GIALDAWMFP LGDEVYSRIP QPLFFINSEY FQYPANIIKM KKCYSYDPKER KMITIRGSVH QNFADFTFAT GKIIGHMLKL KGDIDSNVAI DLSNKASLAF LQKHLGLHKD FDQWDCLIEG DDENLIPGTN INTTNQHIML QNSSGIEKYN
Tag:	Tag Free
Predicted MW:	47 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Measured by its ability to cleave a PAF analog in a chromogenic substrate linked assay. At a PAF-AH concentration of 10.0 ug/mL, 50% cleavage was achieved at an incubation time of approximately 2 minutes.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_005075
Locus ID:	7941
UniProt ID:	Q13093
RefSeq Size:	1880



[View online »](#)

Cytogenetics:	6p12.3
RefSeq ORF:	1323
Synonyms:	LDL-PLA2; LP-PLA2; PAFAD; PAFAH
Summary:	The protein encoded by this gene is a secreted enzyme that catalyzes the degradation of platelet-activating factor to biologically inactive products. Defects in this gene are a cause of platelet-activating factor acetylhydrolase deficiency. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2009]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Ether lipid metabolism, Metabolic pathways