Product datasheet for TP790080

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, esidues 22-441aa, with C-terminal DDK tag, secretory expressed in CHO cells, 50ug
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC207776, encoding the region (Phe22-Asn441) of PLA2G7
Tag:	C-DDK
Predicted MW:	48.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	1 x PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005075
Locus ID:	7941
UniProt ID:	Q13093
RefSeq Size:	1880
Cytogenetics:	6p12.3
RefSeq ORF:	1323
Synonyms:	LDL-PLA2; LP-PLA2; PAFAD; PAFAH

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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

Product images: