

Platelet-Activating Factor Acetylhydrolase 2 Human Recombinant

Item Number	rAP-1195
Synonyms	HSD-PLA2, Platelet-activating factor acetylhydrolase 2, cytoplasmic, Serine-dependent phospholipase A2, SD-PLA2, hSD-PLA2.
Description	PAFAH2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 415 amino acids (1-392 a.a) and having a molecular mass of 46.4kDa. PAFAH2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99487
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMGVNQSV GFPPVTGPHL VGCGDVMEGQ NLQGSFFRLF YPCQKAEETM EQPLWIPRYE YCTGLAEYLQ FNKRCGGLLF NLAVGSCRLP VSWNGPFKTK DSGYPLIIFS HGLGAFRT- LY SAFCMELASR GFVVAVPEHR DRSAATTYFC KQAPEENQPT NESLQEEWIP FRRVEEGEKE FHVRN- PQVHQ RVSECLRVLK ILQEVTAGQT VFNILPGGLD LMTLKGNDM SRVAVMGHSF GGATAILALA KETQFRCABA LDAWMFPLER DFYPKARGPV FFINTEKFQT MESVNLMKKI CAQHEQSR II TVLGSVHRSQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	PAFAH2 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**