
Product Data Sheet

Product Name: PAFAH2 Human
 Cat. No.: GP22044
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	HSD-PLA2; Platelet-activating factor acetylhydrolase 2; cytoplasmic; Serine-dependent phospholipase A2; SD-PLA2; hSD-PLA2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGVNQS SV GFPPVTGPHL VGCGDVMEGQ NLQGSFFRLF YPCQKAEETMEQPLWIPRYE YCTGLAEYLQ FNKRCGGLLF NLAVGSCRLP VSWNGPFKTK DSGYPLIIFS HGLGAFRTLYSAFCMELASR GFVVAVPEHR DRSAATTYFC KQAPEENQPT NESLQEEWIP FRRVEEGEKE FHVRNPQVHQRVSECLRVLK ILQEVTAGQT VFNILPGGLD LMTLKGNDM SRVAVMGHSF GGATAILALA KETQFRCAVALDAWMFPLER DFYPKARGPV FFINTEKFQT MESVNLMKKI CAQHEQSRII TVLGSVHRSQ TDFAFVTGNLIGKFFSTETR GSLDPYEGQE VMVRAMLAF L QKHLDLKEDY NQWNNLIEGI GPSLTPGAPH HLSSL.		
Formulation	PAFAH2 protein solution (1mg/ml) in Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.		

Introduction

Platelet-activating factor acetylhydrolase 2 cytoplasmic (PAFAH2) has a marked selectivity for phospholipids with short acyl chains at the sn-2 position. PAFAH2 may share a mutual physiologic function with the plasma-type enzyme.

Stability

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.

Background

PAFAH2 Human Recombinant produced in E.Coli is a single. non-dlvcosvlated

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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