

**PAFAH2, 1-392aa, Human, His tag, E.coli**

**Cat.NO.: TP03284**

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3th Edition

**Synonyms:**Platelet-activating factor acetylhydrolase 2, cytoplasmic, HSD-PLA2

**Description:**PAFAH2 also known as platelet-activating factor acetylhydrolase 2, cytoplasmic. PAFAH2 has a marked selectivity for phospholipids with short acyl chains at the sn-2 position. It may share a common physiologic function with the plasma-type enzyme. Recombinant human PAFAH2 was expressed in E.coli and purified by using conventional chromatography techniques

**Form:**Liquid. In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

**Molecular Weight:**46.4kDa (415aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMGVNQSVGFPPVTGPHLVGCGDVMEGQNLQGSFFRLFYPCQKAEETMEQ  
PLWIPRYEYCTGLAEYLQFNKRCGLLFNLA VGSCRLPVSWNGPFKTKDSGYPLIIFSHGLGAFRTL YSAFCMELAS  
RGFVVAVPEHRDRSAATTYFCKQAPEENQPTNESLQEEWIPFRVVEEGEKEFHVRNPQVHQRVSECLRVLKILQE  
VTAGQTVFNILPGGLDLMTLKG NIDMSRVAVMGHSFGGATAILALAKETQFRCAVALDAWMFPLERDFYPKARGPV  
FFINTEKFQTMESVNL MKKICAQHEQSRIITVLG SVHRSQTDFAFVTGNLIGKFFSTETRGS LDPYEGQEV MVRAML  
AFLQKHLDLKEDYNQWNNLIEGIGPSLTPGAPHHLSSL

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.