

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PLA2G7, 47-441aa Human, His tag, E.coli

产品货号: TP03424

第三版

别名:Platelet-activating factor acetylhydrolase precursor, LDL-PLA2, LP-PLA2, PAFAD, PAFAH

描述:PLA2G7(platelet-activating factor acetylhydrolase), also known as lipoprotein-associated phospholipase A2, is a phospholipase A2 enzyme. It is a secreted enzyme which catalyzes the degradation of platelet-activating factor to biologically inactive products. This protein is produced by inflammatory cells and hydrolyzes oxidised phospholipids in LDL. In the blood, PLA2G7 goes mainly with LDL and less than 20% is coupled with HDL. It is implicated in the development of atherosclerosis and is also a marker for cardiac disease. It might have a major physiologic effect in the presence of inflammatory bodily responses. Recombinant human PLA2G7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. Phosphate Buffered Saline (pH7.4) containing 10% glycerol,

分子量:47.2 kDa(418aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSAASFGQTKIPRNGPYSVGCTDLMFDHTNKGTFRLRYPSQDNDRLDTLWIPNK
EYFWGLSKFLGTHWLMGNILRLLFGSMTPANWNSPLRPGEKYPLVVFSHGLGAFRTLISAIGIDLASHGFIVAAVEHRDR
SASATYYFKDQSAAEIGDKSWLYLRTLKQEEETHIRNEQVRQRAKECSQALSILIDIDHGKPVKNALDLKFDMEQLKDSID
REKIAVIGHSFGGATVIQTLSEDQRFRCGIALDAWMFPLGDEVYSRIPQPLFFINSEYFQYPANIIKMKKCYSPOKDKERKMITIR
GSVHQNFADFTFATGKIIGHMLKLGKGDIDSNVAIDLKSNKASLAFLQKHLGLHKDFDQWDCLIEGDDENLIPGTNINTTNO
HIMLQNSSGIEKYN

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.