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PLSCR3, 1-265 aa, Human, His tag, E.coli

产品货号: TP03439

第三版

别名: Phospholipid scramblase 3, PLS3, Ca(2+)-dependent phospholipid scramblase 3, PL scramblase 3

描述: PLSCR3 may mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. This protein may play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system. It seems to play a role in apoptosis, through translocation of cardiolipin from the inner to the outer mitochondrial membrane which promotes BID recruitment and enhances tBid-induced mitochondrial damages. Recombinant human PLSCR3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量: 30.9 kDa (288aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMAGYLPPKGYAPSPPPYPVTPGYPEPALHPGPGQAPVPAQVPAPAPGFALFPSPGP  
VALGSAAPFLPLPGVPSGLEFLVQIDQILIHQKAERVETFLGWETCNRYELRSGAGQPLGQAAEESNCCARLCCGARRPLR  
VRLADPGDREVLRLRLPLHCGCSCCPCGLQEMEVQAPPGTTIGHVLQTWHPFLPKFSIQDADRQTVLRVVGPCWTCGC  
GTDNFEVKTRDESRSVGRISKQWGGLVREALTDADDFGLQFPLDLVDVR

纯度: > 95% by HPLC

浓度: 1mg/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.