9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PLSCR3 Human

Phospholipid Scramblase 3 Human Recombinant
RCP1668

Product Overview

Name	PLSCR3 Human
Description	
Phospholipid Scramblase 3 Human Recombinant	
Accession (Primary)	Q9NRY6
Synonyms	
Phospholipid scramblase 3, PL scramblase 3, Ca(2+)-dependent phospholipid scramblase 3.	
Introduction	
Phospholipid Scramblase 3, (PLSCR3) may mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions which results in a loss of phospholipid asymmetry in the plasma membrane. PLSCR3 may play a key 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. In addition, PLSCR3 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. Among the diseases associated with PLSCR3 are brain ischemia, and ischemia.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
PLSCR3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M urea.	
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). Please avoid freeze thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAGYLPP KGYAPSPPPP YPVTPGYPEP ALHPGPGQAP VPAQVPAPAP GFALFPSPGP VALGSAAPFL PLPGVPSGLE FLVQIDQILI HQKAERVETF LGWETCNRYE LRSGAGQPLG	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

QAAEESNCCA RLCCGARRPL RVRLADPGDR EVLRLLRPLH CGCSCCPCGL QEMEVQAPPG TTIGHVLQTW HPFLPKFSIQ DADRQTVLRV VGPCWTCGCG TDTNFEVKTR DESRSVGRIS KQWGGLVREA LTDADDFGLQ FPLDLDVR

Precautions

PLSCR3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NRY6)