

Product datasheet for **TP310587**

PLSCR3 (NM_020360) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phospholipid scramblase 3 (PLSCR3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210587 protein sequence Red =Cloning site Green =Tags(s)
	MAGYLPPKGYAPSPPPYPVTPGYPEPALHPGPGQAPVPAQVPAPAPGFALFSPSPGVALGSAAPFLPLP GVPSGLEFLVQIDQILIHQKAERVETFLGWETCNRYELRSGAGQPLGQAAEESNCCARLCCGARRPLRVR LADPGDREVLRLRPLHCGSCCPCGLQEMEVQAPPGTTIGHVLQTWHPFLPKFSIQDADRQTVLRVVG CWTCGCGTDTNFEVKTRDESRSVGRISKQWGGVLREALTDADDFGLQFPLDLDRVVKAVLLGATFLIDYM FFEKRGGAGPSAVTS
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	31.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_065093</u>
Locus ID:	57048



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UniProt ID: [Q9NRY6](#)

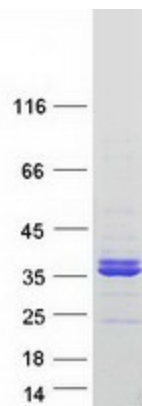
RefSeq Size: 2089

Cytogenetics: 17p13.1

RefSeq ORF: 885

Summary: 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. 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. 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.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PLSCR3 protein (Cat# TP310587). The protein was produced from HEK293T cells transfected with PLSCR3 cDNA clone (Cat# [RC210587]) using MegaTran 2.0 (Cat# [TT210002]).