

## Product datasheet for **TP305184M**

### PLSCR4 (NM\_020353) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phospholipid scramblase 4 (PLSCR4), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205184 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSGVWPTAPEQPAGEMENQTKPPDPRPDAPPEYNHFLPGPPGTAVPPPTGYPGGLPMGYSPQQPSTFP  
LYQPVGGIHPVRYQPGKYPMPNQSVPITWMPGPTPMANCPPGLEYLVLQLDNIHVLQHFEPLEMMTCFETN  
NRYDIKNSDQMVIYVTEDEDDFTRNAYRTLRFVLRVTDGCMGREIMTMQRPFRCTCCCFCCPSARQELE  
VQCPPGVTIGFVAEHWNLCRAVYSIQNEKKENVMRVRGPCSTYGCSDSVFEVKSLDGISNIGSIIRKWN  
GLLSAMADADHFDIHFLDLVDKMKAMIFGACFLIDFMYFERSPPQRSR

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	36.8 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><a href="#">NP_065086</a></u>
Locus ID:	57088



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UniProt ID: [Q9NRQ2](#)

RefSeq Size: 3312

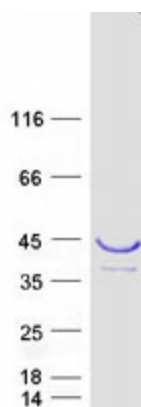
Cytogenetics: 3q24

RefSeq ORF: 987

Synonyms: TRA1

**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.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified PLSCR4 protein (Cat# [TP305184]). The protein was produced from HEK293T cells transfected with PLSCR4 cDNA clone (Cat# [RC205184]) using MegaTran 2.0 (Cat# [TT210002]).