

Product datasheet for TP516366

Plscr3 (NM_001168497) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipid scramblase 3 (Plscr3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216366 representing NM_001168497 Red =Cloning site Green =Tags(s)
	<p>MAGYLPPKGYAPSPPPYPVPSGYPEPVALHPGPGQAPVPTQVPAPAPGFALFPSPGPVAPGPPAPFVPL PGVPPGLEFLVQIDQILIHQKAERVETFLGWETCNMYELRSGTGQQLGQAAEESNCCARLCCGARRPFRI RLADPGDREVLRLRLHCGCSCCPCGLQEMEVQAPPGTTIGHVLQTWHPFLPKFSILDADRQPVLRVVG PCWTCGCGTDTNFEVKTKDESRSVGRISKQWGGLLREALTDADDFGLQFPVDLQVAVLLGATFLIDY MFFEKRGGAGPSAITS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	31.8 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
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 after receiving vials.
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:	NP_001161969
Locus ID:	70310
UniProt ID:	Q9JIZ9 , Q5F283



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RefSeq Size:	2861
Cytogenetics:	11 42.9 cM
RefSeq ORF:	891
Synonyms:	2210403O21Rik; 2610037N06Rik; ESTM3; X83310
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]