

Recombinant Mouse Plscr4 Protein, Myc/DDK-tagged

Cat. No. Plscr4-4943M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phospholipid scramblase 4 (Plscr4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	36.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Plscr4 phospholipid scramblase 4 [Mus musculus (house mouse)]
Official Symbol	Plscr4
Synonyms	PLSCR4; phospholipid scramblase 4; PL scramblase 4; ca(2+)-dependent phospholipid scramblase 4; AV245873
Gene ID	235527
mRNA Refseq	NM_178711
Protein Refseq	NP_848826
UniProt ID	P58196

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