

## Phospholipid Scramblase 1 Protein Human Recombinant

<b>Item Number</b>	rAP-4540
<b>Synonyms</b>	MMTRA1B, Phospholipid scramblase 1, PL scramblase 1, Ca(2+)-dependent phospholipid scramblase 1, Erythrocyte phospholipid scramblase, MmTRA1b.
<b>Description</b>	PLSCR1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-288 a.a.) and having a molecular mass of 33.8kDa. PLSCR1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O15162
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MDKQNSQMNA SHPETNLPVG YPPQYPPTAF QGPPGYSGYP GPQVSYPPPP AGHSGPGPAG FPVPNQPVYN QPVYNQPVGA AGVPWMPAPQ PPLNCPPGLE YLSQIDQILII HQQIELLEVL TGFTENNKYE IKNSFGQRVY FAAEDTDCT RNCCGPSRPF TLRIIDNMGQ EVITLERPLR CSSCCCPCCQ QEIEIQAPPQ VPIGYVIQTW HPCLPKFTIQ NEKREDVLKI SGPCVVCSQC GDVDFEIKSL DEQCVVGKIS KHWTGILREA FTDADNFGIQ FPLLDVK
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	PLSCR1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**