

## PLSCR1 Human

**Description:** 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.

**Catalog #:** PRPS-1278

For research use only.

**Synonyms:** MMTRA1B, Phospholipid scramblase 1, PL scramblase 1, Ca(2+)-dependent phospholipid scramblase 1, Erythrocyte phospholipid scramblase, MmTRA1b.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MDKQNSQMNA SHPETNLPVG  
YPPQYPPTAF QGPPGYSGYP GPQVSYPPPP AGHSGPGPAG FVPVNPVYN QPVYNQPVGA  
AGVPWMPAPQ PPLNCPGLE YLSQIDQILI HQQIELLEVL TGFETNNKYE IKNSFGQRVY  
FAAEDTDCCT RNCCGSPRPF TLRIIDNMGQ EVITLERPLR CSSCCPCCL QEIEIQAPP  
VPIGYVIQTW HP

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

PLSCR1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 30% glycerol and 1mM DTT.

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Phospholipid scramblase (PLSCR1), member of the phospholipid scramblase family, has a significant part in the antiviral reaction of interferon (IFN) by intensifying and improving the IFN reaction via increasing expression of select subset of potent antiviral genes. PLSCR1 promotes cytokine-regulated cell proliferation and differentiation.

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