
Product Data Sheet

Product Name: PLSCR1 Human
 Cat. No.: GP24196
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MMTRA1B; Phospholipid scramblase 1; PL scramblase 1; Ca(2+)-dependent phospholipid scramblase 1; Erythrocyte phospholipid scramblase;MmTRA1b.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MDKQNSQMNA SHPETNLPVG YPPQYPPTAF QGPPGYSGYP GPQVSYP PPP AGHSGPGPAG FVVPNQPVYN QPVYNQPVGA AGVPWMPAPQ PPLNCPGLE YLSQIDQILI HQQIELLEVL TGFETNNKYE IKNSFGQRVY FAAEDTDCCT RNCCGPSRPF TLRIIDNMGQ EVITLERPLR CSSCCCPCCL QEIEIQAPPG VPIGYVIQTW HPCLPKFTIQ NEKREDVLKI SGPCVVCSCC GDVDFEIKSL DEQCVVGKIS KHWTGILREA FTDADNFGIQ FPLDLVK		
Formulation	PLSCR1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl,30% glycerol and 1mM DTT.		

Introduction

Phospholipid scramblase (PLSCR1) is a member of the phospholipid scramblase family. PLSCR1 has a significant part in the antiviral reaction of 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.

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.

Background

PLSCR1 Human Recombinant produced in E.Coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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