Recombinant human Phospholipid Scramblase 1/PLSCR1 protein

Catalog Number: ATGP1793

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-288aa

UniProt No.
O15162

NCBI Accession No.
NP_066928.1

Alternative Names
Phospholipid scramblase 1, MMTRA1B

PRODUCT SPECIFICATION

Molecular Weight
33.8 kDa (308aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Phospholipid scramblase 1, also known as PLSCR1, may play a role in the antiviral response of interferon (IFN) by amplifying and enhancing the IFN response through increased expression of select subset of potent antiviral genes. This protein may contribute to cytokine-regulated cell proliferation and differentiation. Recombinant human PLSCR1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

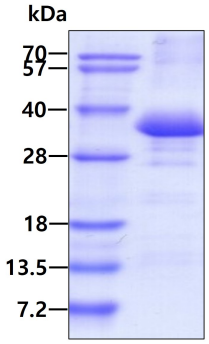
<MGSSHHHHHH SSGLVPRGSH> MDKQNSQMNA SHPETNLPVG YPPQYPPTAF QGPPGYSGYP GPQVSYPPPP AGHSGPGPAG FPVPNQPVYN QPVYNQPVGA AGVPWMPAPQ PPLNCPPGLE YLSQIDQILI HQQIELLEVL TGFETNNKYE IKNSFGQRVY FAAEDTDCCT RNCCGPSRPF TLRIIDNMGQ EVITLERPLR CSSCCCPCCL QEIEIQAPPG VPIGYVIQTW HPCLPKFTIQ NEKREDVLKI SGPCVVCSCC GDVDFEIKSL DEQCVVGKIS KHWTGILREA FTDADNFGIQ FPLDLDVK

General References

Basse F., et al. (1996) J. Biol. Chem. 271:17205-17210
Dong B., et al. (2004) J. Virol. 78:8983-8993

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.