

PLSCR1, 1-288aa, Human, His tag, E.coli

Cat.NO.: TP03438

3th Edition

Synonyms:Phospholipid scramblase 1, MMTRA1B

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.

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

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

Sequences:

MGSSHHHHHSSGLVPRGSHMDKQNSQMNASHPETNLPVGYPPQYPPTAFQGPPGYSGYPGPQVSYP PPPAG
HSGPGPAGFPVPNQPVYNQPVYNQPVGAAGVPWMPAPQPPLNCPGLEYSQIDQILIHQQIELLEVLTGFETNNK
YEIKNSFGQRVYFAAEDTDCCTRNC CGPSRPFTLR IIDNMGQEVITLERPLRCSSCCCPCLQEIEIQAPPGVPIGYV
IQTWHPCLPKFTIQNEKREDVLKISGPCVVCSCCGDVDFEIKSLDEQCVVGKISKHWTGILREAFTDADNFGIQFPLD
LDVK

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.