Recombinant Human PLSCR1

Cat. No. PLSCR1-30296TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Scramblase 1 with N terminal proprietary tag; Predicted MWt 61.09 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	318 amino acids
Description	Phospholipid scramblase 1 is an enzyme that in humans is encoded by the PLSCR1 gene.
Molecular Weight	61.090kDa inclusive of tags
Tissue specificity	Expressed in platelets, erythrocyte membranes, lymphocytes, spleen, thymus, prostate, testis, uterus, intestine, colon, heart, placenta, lung, liver, kidney and pancreas. Not detected in brain and skeletal muscle.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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	cycles.
Sequences of amino acids	MDKQNSQMNASHPETNLPVGYPPQYPPTAFQGPPGYSGYP GPQVSYPPPPAGHS GPGPAGFPVPNQPVYNQPVYNQPVGA AGVPWMPAPQPPLNCPPGLEYLSQIDQIL IHQQIELLEVL TGFETNNKYEIKNSFGQRVYFAAEDTDCCTRNCCGPSRPF TLRIIDN MGQEVITLERPLRCSSCCCPCCLQEIEIQAPPG VPIGYVIQTWHPCLPKFTIQNEKRE DVLKISGPCVVCSCC GDVDFEIKSLDEQCVVGKISKHWTGILREAFTDADNFGIQ FP LDLDVKMKAVMIGACFLIDFMFFESTGSQEQKSGVW
Sequence Similarities	Belongs to the phospholipid scramblase family.

GENE INFORMATION

Gene Name	PLSCR1 phospholipid scramblase 1 [Homo sapiens]
Official Symbol	PLSCR1
Synonyms	PLSCR1; phospholipid scramblase 1; MMTRA1B;
Gene ID	5359
mRNA Refseq	NM_021105
Protein Refseq	NP_066928
MIM	604170
Uniprot ID	O15162
Chromosome Location	3q23

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Pathway	EGFR1 Signaling Pathway, organism-specific biosystem;
Function	CD4 receptor binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; SH3 domain binding; calcium ion binding; calcium ion binding;

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