

Recombinant Human PLSCR2 Protein, His-tagged

Cat. No. PLSCR2-2599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLSCR2 Protein (Met1-Pro72) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro72
Description	This gene encodes a member of the phospholipid scramblase family. Phospholipid scramblases are membrane proteins that mediate calcium-dependent, non-specific movement of plasma membrane phospholipids and phosphatidylserine exposure. The encoded protein contains a low affinity calcium binding motif and may play a role in blood coagulation and apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 7.8 kDa Accurate Molecular Mass: 42 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PLSCR2 phospholipid scramblase 2 [Homo sapiens (human)]
Official Symbol	PLSCR2
Synonyms	PLSCR2; phospholipid scramblase 2; phospholipid scramblase 2 PL scramblase 2 ca(2+)-dependent phospholipid scramblase 2
Gene ID	57047
mRNA Refseq	NM_020359
Protein Refseq	NP_065092
MIM	607610

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UniProt ID

Q9NRY7

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