

Recombinant Mouse Plscr2 Protein, His&GST-tagged

Cat. No. Plscr2-1951M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plscr2 Protein (Glu28-Phe275) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu28-Phe275
Description	Predicted to enable several functions, including DNA-binding transcription activator activity, RNA polymerase II-specific; metal ion binding activity; and signaling receptor binding activity. Acts upstream of or within cellular response to lipopolysaccharide. Located in cytoplasm and nucleus. Is expressed in foregut; inner ear; mesothelium; and urogenital mesentery. Orthologous to human PLSCR1 (phospholipid scramblase 1) and PLSCR2 (phospholipid scramblase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.68 kDa Accurate Molecular Mass: 58 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 [Mus musculus (house mouse)]
Official Symbol	Plscr2
Synonyms	Plscr2; phospholipid scramblase 2; phospholipid scramblase 2; PL scramblase 2; ca(2+)-dependent phospholipid scramblase 2
Gene ID	18828
mRNA Refseq	NM_001195084
Protein Refseq	NP_001182013
UniProt ID	Q9DCW2

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