Recombinant Mouse Pisd Protein, His-tagged

Cat. No. Pisd-1940M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pisd Protein (Met1-Leu406) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Leu406
Description	Predicted to enable phosphatidylserine decarboxylase activity. Predicted to be involved in mitochondrial protein catabolic process; phosphatidylethanolamine biosynthetic process; and regulation of mitochondrion organization. Predicted to act upstream of or within lipid metabolic process. Located in mitochondrion. Is expressed in several structures, including alimentary system; genitourinary system; nervous system; respiratory system; and sensory organ. Orthologous to human PISD (phosphatidylserine decarboxylase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 49.6 kDa Accurate Molecular Mass: 50 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	Pisd phosphatidylserine decarboxylase [Mus musculus (house mouse)]
Official Symbol	Pisd
Synonyms	PISD; phosphatidylserine decarboxylase; phosphatidylserine decarboxylase proenzyme; 9030221M09Rik;
Gene ID	320951
mRNA Refseq	NM_177298
Protein Refseq	NP_796272
UniProt ID	Q8BSF4

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