

## Recombinant Mouse Pisd Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Pisd Protein (Met1-Leu406) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Leu406
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 49.6 kDa Accurate Molecular Mass: 50 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Pisd phosphatidylserine decarboxylase [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Pisd</a>
<b>Synonyms</b>	PISD; phosphatidylserine decarboxylase; phosphatidylserine decarboxylase proenzyme; 9030221M09Rik;
<b>Gene ID</b>	<a href="#">320951</a>
<b>mRNA Refseq</b>	<a href="#">NM_177298</a>
<b>Protein Refseq</b>	<a href="#">NP_796272</a>
<b>UniProt ID</b>	<a href="#">Q8BSF4</a>

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