

## Product datasheet for **TP761730**

### **PISD (NM\_014338) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human phosphatidylserine decarboxylase (PISD), full length, with N-terminal His tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length PISD
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	42.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055153</a>
<b>Locus ID:</b>	23761
<b>UniProt ID:</b>	<a href="#">Q9UG56</a> , <a href="#">A0A024R1K5</a>
<b>RefSeq Size:</b>	2693
<b>Cytogenetics:</b>	22q12.2
<b>RefSeq ORF:</b>	1125
<b>Synonyms:</b>	DJ858B16; dj858B16.2; LIBF; PSD; PSDC; PSSC



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**Summary:**

The protein encoded by this gene catalyzes the conversion of phosphatidylserine to phosphatidylethanolamine in the inner mitochondrial membrane. The encoded protein is active in phospholipid metabolism and interorganelle trafficking of phosphatidylserine. [provided by RefSeq, May 2016]

**Protein Pathways:**

Glycerophospholipid metabolism, Metabolic pathways

**Product images:**