

## Recombinant Human PISD Protein, His-tagged

Cat. No. PISD-001H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein of Human phosphatidylserine decarboxylase (full length) with N-terminal His tag was expressed in E. coli.                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                          |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 42.9 kDa                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                    |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method.                                                                                                                                                                                                               |
| <b>Storage Buffer</b>   | 50mM Tris, pH 8.0, 8M Urea.                                                                                                                                                                                                                                     |
| <b>Full Length</b>      | Full L.                                                                                                                                                                                                                                                         |

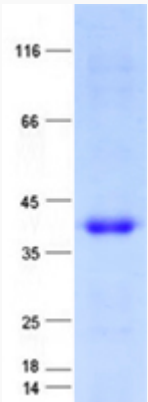
### GENE INFORMATION

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| <b>Gene Name</b> | PISD phosphatidylserine decarboxylase [ Homo sapiens (human) ] |
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|-------------------------------------------------------------------------------------|---------------------------------------|
| <b>Official Symbol</b>                                                              | PISD                                  |
| <b>Synonyms</b>                                                                     | PSD; PSDC; PSSC; DJ858B16; dJ858B16.2 |
| <b>Gene ID</b>                                                                      | 23761                                 |
| <b>mRNA Refseq</b>                                                                  | NM_014338                             |
| <b>Protein Refseq</b>                                                               | NP_055153                             |
| <b>MIM</b>                                                                          | 612770                                |
| <b>UniProt ID</b>                                                                   | Q9UG56                                |
|  |                                       |