



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PISD (Human) Recombinant Protein (P01)

**Catalog Number:** H00023761-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PISD full-length ORF (CAK54571.1, 1 a.a. - 409 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MATSVGHRCLGLLHGVAPWRSSLHPCEITALSQSLQP  
LRKLPFRFRDARKIHTAPARTMFLLRPLPILLVTGGG  
YAGYRQYEKYRERELEKLGLEIPPKLAGHWEVALYKS  
VPTRLLSRAWGRLNQVELPHWLRPVYSLYIWTFGVN  
MKEAAVEDLHHYRNLSEFFRRKLPQARPVCGLHSVI  
SPSDGRILNFGQVKNCEVEQVKGVTYSLESFLGPRMC  
TEDLPFPPAASCDSFKNQLVTREGNELYHCVIYLAPGD  
YHCFHSPTDWTVSHRRHFPGLMSVNPGMARWIKEL  
FCHNERVLTGDWKHGFFSLTAVGATNVGSIRIYFDR  
DLHTNSPRHSGSYNDFSVTHTNREGVPMRKG EHL  
GEFNLGSTIVLIFEAPKDFNFQLKTGQKIRFGEALGSL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 71.39

**Interspecies Antigen Sequence:** Mouse (84); Rat (84)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 23761

**Gene Symbol:** PISD

**Gene Alias:** DJ858B16, DKFZp566G2246, PSDC, PSSC, dJ858B16.2

**Gene Summary:** Phosphatidylserine decarboxylases (PSDs; EC 4.1.1.65) catalyze the formation of phosphatidylethanolamine (PE) by decarboxylation of phosphatidylserine (PS). Type I PSDs, such as PISD, are targeted to the inner mitochondrial membrane by an N-terminal targeting sequence. PISD also contains a conserved LGST motif that functions as an autocatalytic cleavage site where the proenzyme is split into mature alpha and beta subunits (Schuiki and Daum, 2009 [PubMed 19165886]).[supplied by OMIM]