

Protein disulfide isomerase-like 1-5 (PDIL1-5), Recombinant Protein

Cat *RP13824*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Protein disulfide isomerase-like 1-5 (PDIL1-5), partial

Product Gene Name

PDIL1-5 recombinant protein

Product Synonym Gene Name

PDIL1-5

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

59,032 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Protein disulfide isomerase

NCBI Accession

XP_015642967.1

NCBI GI

1002277257

NCBI GenBank Nucleotide

XM_015787481.1

NCBI GeneID

4340223

NCBI Official Full Name

protein disulfide isomerase-like 1-5

NCBI Official Symbol

LOC4340223

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Protein disulfide isomerase-like 1-5 (PDIL1-5), Recombinant Protein

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PDIL1-5; PDIL3-1; OsPDIL1-5; OsPDIL3-1

NCBI Protein Information

protein disulfide isomerase-like 1-5

UniProt Gene Name

PDIL1-5

UniProt Synonym Gene Names

PDIL3-1; OsPDIL1-5; OsPDIL3-1

UniProt Protein Name

Protein disulfide isomerase-like 1-5

UniProt Synonym Protein Names

Protein disulfide isomerase-like 3-1; OsPDIL3-1

UniProt Primary Accession

Q5WA72

UniProt Secondary Accession

A0A0P0WSS8

UniProt Related Accession

Q5WA72

UniProt Comments

Acts as a protein-folding catalyst that interacts with nascent polypeptides to catalyze the formation, isomerization, and reduction or oxidation of disulfide bonds. May play a role in storage protein biogenesis .

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