

Thioredoxin-like 1-1, chloroplastic (Os07g0684100, LOC_Os07g48510), Recombinant Protein

Cat RP14317

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Thioredoxin-like 1-1, chloroplastic (Os07g0684100, LOC_Os07g48510)

Product Gene Name

Os07g0684100 recombinant protein

Product Synonym Gene Name

Os07g0684100; LOC_Os07g48510

Purity

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

Sequence

MAEALCSGSV ASPCGEVGVG FAAGLVRGAA AAAALAESVP IGGYSSKSTF PSGRVALTER KARPLPRNLE
AAHGQMNLTI GKAMRWWEKC LQPNMREIES AQDLADSLN AGDKLVVDF FSPGCGGCRA LHPKIAQLAE
KNPEVLFLQV NYEKHKSMCY SLHVHVLPIFF RFYRGAQGRV SSFSCNTATI KKFKDALAKH GPDRCLGPA
KGLSEELMA LAINRDLNFT YTPNQDLVPI ADALLKEAAA PGGPWLPPLPA TATQLFIQGS ENSLLSSGR

Sequence Positions

1-279, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

29,769 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.

NCBI Accession

XP_015646723.1

NCBI GI

1002284846

NCBI GenBank Nucleotide

XM_015791237.1

NCBI GenID

4344321

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

thioredoxin-like 1-1, chloroplastic

NCBI Official Symbol

LOC4344321

NCBI Official Synonym Symbols

OsJ_25618

NCBI Protein Information

thioredoxin-like 1-1, chloroplastic

UniProt Gene Name

Os07g0684100

UniProt Protein Name

Thioredoxin-like 1-1, chloroplastic

UniProt Synonym Protein Names

Lilium-type thioredoxin 1-1

UniProt Primary Accession

Q6Z4N3

UniProt Secondary Accession

A0A0P0XAG7

UniProt Related Accession

Q6Z4N3

UniProt Comments

Probable thiol-disulfide oxidoreductase that may participate in various redox reactions.

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