

Thioredoxin-like 3-1, chloroplastic (Os02g0774100, LOC_Os02g53400), Recombinant Protein

Cat RP14483

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 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 3-1, chloroplastic (Os02g0774100, LOC_Os02g53400)

Product Gene Name

Os02g0774100 recombinant protein

Product Synonym Gene Name

Os02g0774100; LOC_Os02g53400

Purity

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

Sequence

MALIAPSPRV LRAREAPAAG ALQPPAAACS TVAGGGGAAG RPLGMWSGGG GGGGGKGRRR
ERGDGMLRAE AYFWDVSKPV EMEEIDSMEK LDDALRWSVE NKQPIIDWM ASWCRKCIYL KPRLEKIAGE
FPGVRFYFVD VNKVPQTVVK RGNITKMPTI QLWKDGEWAA EVIGGHKAWL VMDEVREMIQ KHK

Sequence Positions

1-193, 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

21,233 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

Thioredoxin

NCBI Accession

XP_015623260.1

NCBI GI

1002238110

NCBI GenBank Nucleotide

XM_015767774.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP14483*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

NCBI GeneID

4330886 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Full Name

thioredoxin-like 3-1, chloroplastic

NCBI Official Symbol

LOC4330886

NCBI Official Synonym Symbols

OJ1448_G06.8; OJ1611_C08.36

NCBI Protein Information

thioredoxin-like 3-1, chloroplastic

UniProt Gene Name

Os02g0774100

UniProt Protein Name

Thioredoxin-like 3-1, chloroplastic

UniProt Primary Accession

Q6Z7L3

UniProt Secondary Accession

Q0DX52

UniProt Related Accession

Q6Z7L3

UniProt Comments

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

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