

Thioredoxin-like protein CITRX, chloroplastic (Os08g0378900, LOC_Os08g29110), Recombinant Protein

Cat RP14154

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-
Oryza sativa subsp. japonica (Rice)
Cell)

Species

Full Product Name

Recombinant Oryza sativa subsp. japonica Thioredoxin-like protein CITRX, chloroplastic (Os08g0378900,
LOC_Os08g29110)

Product Gene Name

Os08g0378900 recombinant protein

Product Synonym Gene Name

Os08g0378900; LOC_Os08g29110

Purity

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

Sequence

AQGVERRNAAA ETYVPGSGKY IAPDYLVKKV TAKELEELVR GERKVPLIVD FYATWCGPCV LMAQDIEMLA
VEYENNALFV KVDTDDEYEL ARDMQVRGLP TLYFFSPDQS KDALRTEGLI PIDMIRNIID NEL

Sequence Positions

57-189, 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

20,529 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_015648902.1

NCBI GI

1002289211

NCBI GenBank Nucleotide

XM_015793416.1

NCBI GenelD

4345435

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Thioredoxin-like protein CITRX, chloroplastic (Os08g0378900, LOC_Os08g29110), Recombinant Protein

Cat *RP14154*

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)
NCBI Official Full Name
thioredoxin-like protein CITRX, chloroplastic

NCBI Official Symbol

LOC4345435

NCBI Official Synonym Symbols

OsCiTrx; OsTrx25; OsJ_27130

NCBI Protein Information

thioredoxin-like protein CITRX, chloroplastic

UniProt Gene Name

Os08g0378900

UniProt Synonym Gene Names

OsCiTrx

UniProt Protein Name

Thioredoxin-like protein CITRX, chloroplastic

UniProt Synonym Protein Names

Cf-9-interacting thioredoxin

UniProt Primary Accession

Q8H2V6

UniProt Secondary Accession

A0A0P0XF89

UniProt Related Accession

Q8H2V6

UniProt Comments

Probable thiol-disulfide oxidoreductase that may play a role in proper chloroplast development. May be involved in cell death and defense responses.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY