Metallothionein-like protein type 2 (MT4), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP14935*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Solanum lycopersicum (Tomato) (Lycopersicon esculentum)

Full Product Name
Recombinant Solanum lycopersicum Metallothionein-like protein type 2

Product Gene Name
MT4 recombinant protein

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

Sequence
MSCCGGSCGC GSGCKCGSGC GGCGMYPDLE STTTFTIIEG VAPMKNYGVA EKATEGGNGC KCGSNCTCDP CNC

Sequence Positions
1-73, 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
7,129 Da

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

Protein Family
Metallothionein-like protein

NCBI Accession
NP_001234291.1

NCBI GI
350537383

NCBI GenBank Nucleotide
NM_001247362.2

NCBI GeneID
778358

NCBI Official Full Name
metallothionein-like protein type 2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

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NCBI Official Symbol
MT4

NCBI Protein Information
metallothionein-like protein type 2

UniProt Protein Name
Metallothionein-like protein type 2

UniProt Primary Accession
Q43513

UniProt Related Accession
Q43513

UniProt Comments
Metallothioneins have a high content of cysteine residues that bind various heavy metals.

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