

Recombinant Full Length Arabidopsis Thaliana Metal Tolerance Protein C1(Mtpc1) Protein, His-Tagged

Cat. No. RFL17616AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Metal tolerance protein C1(MTPC1) Protein (Q8L725) (1-471aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-471)
Form	Lyophilized powder
AA Sequence	MGIIRFQILNPTRICRSTIYYMSCRYLPSSSSSSSPLRVSSSSSQKPSFDFSRRWHFG HP DHHQQYQKPGEEGEKIFRLGLTADIGLSVAKALTGYLCGSTAIIADAAHSVSDVV LSGVA LVSYRAANVPKDKEHPYGHGKFETLGALGISAMLLATGSGIAWHALDLLSIA LSAAPEVI HSGHHHGIDMNHPIALTVTIASISIKEGLYWITKRAGEKQGSGLMMANA WHHRSDAISS LVALVGVGGSILGVNFLDPLAGLVVSTMIVNAGLKTGHQSILELVA AIPAQQLEPIRQT ILQVEGVKGCHRLRGRRAGSSLYLDVHIVVDPFSSVSVAHEVGE YVRRQINLNHPEVSEV FIHIDPAFLQFSCSTKDHDSITKESNICQEIKHVEATVSDIFS SQLSEKLTIKRITPHLL HSKILLQIVVAMPSTMSIQDVMIAAEHAEKEILKAAPNVARVS IQLSLNSE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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for up to one week.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

MTPC1

Synonyms

MTPC1; MTP6; At2g47830; F17A22.22; Metal tolerance protein C1; AtMTPc1; AtMTP6

UniProt ID

[Q8L725](#)

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