

Recombinant Full Length Oryza Sativa Subsp. Japonica Metal Tolerance Protein 3(Mtp3) Protein, His-Tagged

Cat. No. RFL35646OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Metal tolerance protein 3(MTP3) Protein (Q6Z7K5) (1-410aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-410)
Form	Lyophilized powder
AA Sequence	MDGDDRRTPLLGGEGGSTRPPSLRRRDSARSLRSTFLSRLPDKVRGGGDPERPAA DVDLT RAKGLSQGEKEYYEKQLATLKIFEEVEALCMPGEFESDAEVLELEDKEQKQ SESAMKISN YANIILLVFKVYATIKTGSMIAAASTLDSLLDFLAGGILYFTHLTMKSVNI YKYPIGKLR VQPVGIIVFAAIMATLGFQVLIQAIEQLVENKAGEKMTPEQLIWLYSIML SATVVKLALY IYCRSSGNSIVQAYAKDHYFDVVTNVVGLVAAVLGDKFFWWIDPVGA VLLAVYTIVNWSG TVYENAVTLVGQCAPSDMLQKLTYLAMKHDPRVRRVDTVRRAYS FGALYFVEVDIELSEDM RLGEAHSIGESLQDKIEKLPEVERAFVHVDFFESTHKPEHR VRSRLPSTEP
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

MTP3

Synonyms

MTP3; Os02g0775100; LOC_Os02g53490; OJ1448_G06.19; OsJ_08570; Metal tolerance protein 3; OsMTP3

UniProt ID

[Q6Z7K5](#)

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