

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 YANIILLVFKVYATIKTGSMIAAASLDLDFLAGGILYFTHLTMKSVNI YKYPIGKLR VQPVGIIVFAAIMATLGFQVLIQAIEQLVENKAGEKMTPEQLIWLYSIML SATVVKLALY IYCRSSGNSIVQAYAKDHYFDVVTNVVGLVAAVLGDKFFWWIDPVGA VLLAVYTIVNWSG TVYENAVTLVGQCAPSDMLQKLTYLAMKHDPRVRRVDTVRRAYS FGALYFVEVDIELSEDM RLGEAHSIGESLQDKIEKLPEVERAFVHVDFESTHKPEHR VRSRLPSTEP
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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