

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Copper Transporter 1(Copt1) Protein, His-Tagged

Cat. No. RFL8998OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Copper transporter 1(COPT1) Protein (Q94EE4) (1-161aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
ProteinLength	Full Length (1-161)
Form	Lyophilized powder
AA Sequence	MDMGGHDMGGMSPPAAGAAAQGGMGAMKSMRYTHMTFFWGKNSEVLFTMWPG TRGGMYAL ALIFVFALAVIVEFLGSRRADACLAALARRAPAAGGLARAAVHTVRVGV AYLLMLALMSF NGGVFLVAVAGHAAGFLAFRAGLCGGPAQVEEDRKNDPACC
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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

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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	COPT1
Synonyms	COPT1; Os01g0770700; LOC_Os01g56420; P0665A11.22; Copper transporter 1; OsCOPT1
UniProt ID	Q94EE4

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