

Recombinant Full Length Oryza Sativa Subsp. Japonica Probable Ascorbate-Specific Transmembrane Electron Transporter 2(Os04G0533500, Loc_Os04G45090) Protein, His-Tagged

Cat. No. RFL30750OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Probable ascorbate-specific transmembrane electron transporter 2(Os04g0533500, LOC_Os04g45090) Protein (Q7XMK3) (1-236aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-236)
Form	Lyophilized powder
AA Sequence	MAAGLGVKAAPFTYVAHALAVAAVMVLVWCISFRGGLAFEADNKNLIFNVHPVLMML IGY IILGSEAIMIYKIFPKLNHDTTKLIHLILHAIAIVLGAVGIYCAFKFHNESGIANLYSLH SWLGIGTISLYGIQWIFGFVAFFYPGAAPHVRRGALPWHVLFGLFVYVLTATAELGL LE KLTLQSSGLDKYGAEAFNVFTGLVVALFGAAVVAAVAPAHVEEPEGYAPIPV N
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.

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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	Os04g0533500
Synonyms	Os04g0533500; LOC_Os04g45090; OsJ_15584.15; OSJNBb0039L24; Probable ascorbate-specific transmembrane electron transporter 2; Cytochrome b561-2
UniProt ID	Q7XMK3

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