

Recombinant Full Length Oryza Sativa Subsp. Japonica Probable Ascorbate-Specific Transmembrane Electron Transporter 1 (Os02G0642300, Loc_Os02G42890) Protein, His-Tagged

Cat. No. RFL33199OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Probable ascorbate-specific transmembrane electron transporter 1 (Os02g0642300, LOC_Os02g42890) Protein (A3A9H6) (1-234aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-234)
Form	Lyophilized powder
AA Sequence	MGLGVRAAPFTYVAHALAVAAATMVLVWCIHFRGGGLAFEATNKNLIFNVHPVLMIG YII LGSEAIMVYKVLPTWKHDTTKLIHLILHAIALVFGAVGIYCAFKFHNESGIANLYSLH SW LGIGTICLYGIQWIFGFVAFFFFPRASPSVRKGVLPWHILFGLFVYILALATAELGFL EKL TFLQSSGLDKYGAEAFVNFNTALIVVLF GASVVVAAVSPARVEEPHEYAPIPES
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	Os02g0642300
Synonyms	Os02g0642300; LOC_Os02g42890; OJ1112_G03.14; OsJ_07691; Probable ascorbate-specific transmembrane electron transporter 1; Cytochrome b561-1
UniProt ID	A3A9H6