

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Vacuolar Iron Transporter Homolog 1(Os02G0644200, Loc_Os02G43030) Protein, His-Tagged

Cat. No. RFL32793OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Vacuolar iron transporter homolog 1(Os02g0644200, LOC_Os02g43030) Protein (Q6H658) (1-232aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-232)
Form	Lyophilized powder
AA Sequence	MAIDLGCHVGCASPETKQEETADPTAAPVVVDDVEAAAGGRRPGDGGGVNYVARA QWLRA AVLGANDGLVSVASLMVGVGAANGTRRAMLVSGLAGLVAGACSMAGIEFV SVYAQCDIQA AQIERARGGKDADGGEEEEELPSPTMAAVASALSFAAGAALPLLAG GFVRPWAARVAAVC AASSLGLAGFGVASAYLGGAGVARSGVRMLVGGWLAMAVT YGVCLKLFGMHGV
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	Os02g0644200
Synonyms	Os02g0644200; LOC_Os02g43030; OJ1282_H11.20; Vacuolar iron transporter homolog 1; Protein NODULIN-LIKE 1
UniProt ID	Q6H658