

Recombinant Full Length Oryza Sativa Subsp. Japonica Vacuolar Iron Transporter 1.2(Vit1.2) Protein, His-Tagged

Cat. No. RFL35670OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Vacuolar iron transporter 1.2(VIT1.2) Protein (Q6ERE5) (1-246aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-246)
Form	Lyophilized powder
AA Sequence	MVKEFVQDEEKQRLLLDEHTEKHFTAGEVVRDIIIGVSDGLTVPFALAAGLSGANAPS AL VLTAGLAEVAAGAISMGLGGYLAAKSDADHYHRELQREQEEIDTVPDTEAAEIADI LSQY GLGP EEYGPVVNSLR SNPKAWLEFMMKFELGLEKPEPRRALMSAGTIALAYV VGGLVPLL PYMFVPTADRAMATSVVVTLAALLFFGYVKGRFTGNRPFISAFQTAVIG ALASAAAFGMA KAVQSI
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

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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

VIT1.2

Synonyms

VIT2; Os09g0396900; LOC_Os09g23300; OJ1655_B12.5; OsJ_29262; Vacuolar iron transporter 2; OsVIT2

UniProt ID

[Q6ERE5](#)

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