

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Vacuolar Iron Transporter Homolog 2 (Os04G0538400, Loc_Os04G45520) Protein, His-Tagged

Cat. No. RFL21587OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Vacuolar iron transporter homolog 2 (Os04g0538400, LOC_Os04g45520) Protein (B7F138) (1-189aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
ProteinLength	Full Length (1-189)
Form	Lyophilized powder
AA Sequence	MARAQWLRAAVLGANDGLVSVASLMIGIGAVNENNKAMLVSGLAGLVAGAC SMAIG EFVS VYAQYDIEVTQIERDGDIDGADAAAAREKLPSPTQAAFASALAF AIGGLPLLT SGFIKP WGP RVGVCAASSVGLAGFGAAGGYLGGANMVRSGTRVLLGGW LAMLIT YAVLRLFATIF HGMNISSA
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**

Os04g0538400

Synonyms

Os04g0538400; LOC_Os04g45520; OSJNBa0091D06.17; Vacuolar iron transporter homolog 2; Protein NODULIN-LIKE 2

UniProt ID

[B7F138](#)

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