

Recombinant Full Length Arabidopsis Thaliana Vacuolar Iron Transporter Homolog 1 (At1G21140) Protein, His-Tagged

Cat. No. RFL1759AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Vacuolar iron transporter homolog 1 (At1g21140) Protein (Q9LPU9) (1-200aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
Protein Length	Full Length (1-200)
Form	Lyophilized powder
AA Sequence	MESHNVSNLSNLDMEMDQEKAFDYSKRAQWLRAAVLGANDGLVSTASLMMGVGA VKQDVK VMILSGFAGLVAGACSMAGFEVSVYSQYDIEVAQMKRENGGQVEKEKLP SPMQAAAASA LAFSLGAIVPLMAAAFVKDYHVRIGAIVAAVTLALVMFGWLGAVLGK APVFKSSARVLIG GWLAMAVTFGLTKLIGTHSL
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 multiple use. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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**

At1g21140

Synonyms

VTL1; At1g21140; T22I11.3; Vacuolar iron transporter homolog 1; Protein NODULIN-LIKE 1; Vacuolar iron transporter-like 1; AtVTL1

UniProt ID

Q9LPU9

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