

Recombinant Full Length Arabidopsis Thaliana High-Affinity Nitrate Transporter 3.1(Nrt3.1) Protein, His-Tagged

Cat. No. RFL30011AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana High-affinity nitrate transporter 3.1(NRT3.1) Protein (Q9FGS5) (23-210aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (23-210)
Form	Lyophilized powder
AA Sequence	AEKVRLFKELDKGALDVTTKPSREGPGVVLDAGKDTLNITWTLSSIGSKREAEFKIIKV K LCYAPPSQVDRPWKRTHDELFDKDKTCPHKIIAKPYDKTLQSTTWTLERDIPTGTYP VRAY AVDAIGHEVAYGQSTDDAKKTNLFSVQAISGRHASLDIASICFSVFSVVALVVF FVNEKR KAKIEQSK
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 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**

NRT3.1

Synonyms

NRT3.1; NAR2.1; NAR2.2; WR3; At5g50200; K6A12.6; High-affinity nitrate transporter 3.1; Protein WOUND-RESPONSIVE 3

UniProt ID[Q9FGS5](#)

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