

Recombinant Full Length Arabidopsis Thaliana Mitochondrial Import Inner Membrane Translocase Subunit Tim50(Tim50) Protein, His-Tagged

Cat. No. RFL32605AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Mitochondrial import inner membrane translocase subunit TIM50(TIM50) Protein (Q8VYE2) (26-376aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-376)
Form	Lyophilized powder
AA Sequence	SAEASSTNSTSRYSGVSTSTQSMFSDFPNPPPPPPQVEAAAAAATGKERKGLK YLG Y ALLWALTGATAATGYASFAYTIDEVNEKTKAFRESATKTPVIKSSGIDVIDKYQ TKLYSA AMTGSARAIKYLELREIVVEEQVKGFTSEPLSEKLLPDLHPAEQHVFTLVLDL NETLLYTD WKRERGWRTFKRPGVDAFLEHLGKFYEIVVYSDQMEMYVLPVCEKLD PNGYIRYKLARGA TKYENGKHYRDL SKLNRPKKILFVSANAFESTLQPENSVPKIP YKLEADDTALVDLIPF LEYVARNSPADIRPVLASFERKDIAKEFIDRSIEYQKRKQGQL GQGRFWRR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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.

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

TIM50

Synonyms

TIM50; EMB1860; At1g55900; F14J16.15; Mitochondrial import inner membrane translocase subunit TIM50; Protein EMBRYO DEFECTIVE 1860

UniProt ID

[Q8VYE2](#)

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