

Recombinant Full Length Arabidopsis Thaliana Protein Tic 21, Chloroplastic(Tic21) Protein, His-Tagged

Cat. No. RFL6149AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Protein TIC 21, chloroplastic(TIC21) Protein (Q9SHU7) (91-296aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (91-296)
Form	Lyophilized powder
AA Sequence	SVPGDNEVDKAKLAQVAKRLEKTSRYFKRLGSIGFWGQLVSTVVAAVILSFSIVVTGK PT SPATFYATASGIAAAFVSVFWSFGYIRLSERLRRTSIDPAKAPPRADVVKGLRSGI MVNI LGMGSALLGMQATVGFLVAKALTTSANPFYQGV SQGYSPVLALDVFLVQASA NTLLSHFL GLVCSLELLRSVTPNSESVVVPKVA
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
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	TIC21
Synonyms	TIC21; CIA5; PIC1; At2g15290; F27O10.6; Protein TIC 21, chloroplastic; Protein CHLOROPLAST IMPORT APPARATUS 5; AtCIA5; Protein PERMEASE IN CHLOROPLASTS 1; AtPIC1; Translocon at the inner envelope membrane of chloroplasts 21; AtTIC21
UniProt ID	Q9SHU7

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