

Recombinant Full Length Arabidopsis Thaliana Translocase Of Chloroplast 90, Chloroplastic(Toc90) Protein, His-Tagged

Cat. No. RFL8661AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Translocase of chloroplast 90, chloroplastic(TOC90) Protein (Q6S5G3) (1-793aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-793)
Form	Lyophilized powder
AA Sequence	MKGFKDWVFALSNSMASSRPLLGSDFFRDPHQEQDNHSQAPAAPQPVTLSPPC STSSD LEILPPLSQQQVPLESYQSSIDLNGKKHNPLAKIGGLQVQFLRLVQRFGQS QNNILVSK VLYRVHLAMLIRAESESELKNVKLRQDRAKALAREQESSGIPELDFSLRIL VLGKTGVGKS ATINSIFGQPKSETDAFRPGTDRIEEVMGTVSGVKVTFIDTPGFHPL SSSSTRKNRKILL SIKRYVKKRPPDVVLYLDRLDMDMRYSDFSLLQLITEIFGAAIWL NTILVMTHSAATTE GRNGQSVNYESYVGQRMDDVVQHYIHQAVSDTKLENPVLLVEN HPSCCKNLAGEYVLPNGV VWKPQFMFLCVCTKVLGDVQSLLRFRDSIGLGQPSST RTASLPHLLSVFLRRRLSSGADE TEKEIDKLLNLDLEEEDEYDQLPTIRILGKSRFEKL SKSQKKEYLDEL DYRETLYLKKQL KEECRRRRRDEKLV EEEENLEDTEQRDQAAVPLP DMAGPDSFDSDFPAHRYRCVSAGDQWLV RPVYDPQGWDRDVGFDGINIETAAKIN RNLFASATGQVSRDKQRFTIQSETNAAAYTRNFR EQTFSAVDLQSSGEDLVYSFQG

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GTKLQTFKHNTTDVGVGLTSFGGKYYVGGKLEDLLV GKRVKLTANAGQMRGSGQ
TANGGSFEACIRGRDYPVRNEQIGLTMALTSLFKRELVLNYGL QTQFRPARGTNIDV
NINMNNRKMKGKINVKLNSSEHWEIALISALTMFKALVRRSKTEMTE ENEEEKIVNFLV
S

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.

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 TOC90

Synonyms TOC90; PPI4; At5g20300; F5O24.190; Translocase of chloroplast 90, chloroplastic; AtToc90; 90 kDa chloroplast outer envelope protein; Plastid protein import 4

UniProt ID [Q6S5G3](#)

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