

Recombinant Full Length Arabidopsis Thaliana S-Acyltransferase Tip1(Tip1) Protein, His-Tagged

Cat. No. RFL12526AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana S-acyltransferase TIP1(TIP1) Protein (Q52T38) (1-620aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-620)
Form	Lyophilized powder
AA Sequence	MSSEIEVVEEIQSNPKENGESSKGIIEEESLKNDVYTAAAYGDLEKLHRLVECEGSS VSE PDALGYALQWSALNNRVAVAQYLIHGGDVNATDHTGQTALHWSAVRGAIQ VAELLQE GARVDATDMYGYQATHVAAQYGQTAFCHVSKWNADPDVPDNDGR SPLHWAAYKGFADS IRLLLFLDAYRGRQDKEGCTPLHWAAIRGNLEACTVLVQAGK KEDLMITDKTGLTPAQLA AEKNHRQVSFFLGNARSLLEKRCDGSSPLGRLSKLGLA PVLWIMILLLLLVTNSVVLAS NLPKLTGIGALAWLGFILATAGLFLFYRCSRKDPGYI RMNIHDPQTMKDDEPLLKIELN NPALLAGNWTQLCATCKIIRPLRAKHCSTCDRCVE QFDHHCPWVSNCVGKKNKWEFFLFL LLEVLA MLITGGVTLARVLS DPSAPSSFGAW MSHVASNHVGALS FLLVEFCLFFSVAVLT VIQASQISR NITTNEMANALRYSYLRGP GGRFRNPYDLGCRRNCSDFLVKGYNEDIECHE EDATQRPEGISMMQMQRNP NLQ NGNGHVAIDVNPTHNSQSAHVHSANCSHSHNSKSKSDN VPLGLGLGLSRNPTRPV VSP

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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.
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	PAT24
Synonyms	PAT24; TIP1; At5g20350; F5O24.240; Protein S-acyltransferase 24; Ankyrin repeat-containing S-palmitoyltransferase; Palmitoyltransferase TIP1; Protein TIP GROWTH DEFECTIVE 1; AtTIP1; Zinc finger DHHC domain-containing protein TIP1
UniProt ID	Q52T38