

Recombinant Full Length Arabidopsis Thaliana Probable Mannan Synthase 1(Csla1) Protein, His-Tagged

Cat. No. RFL35756AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable mannan synthase 1(CSLA1) Protein (Q84W54) (1-553aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-553)
Form	Lyophilized powder
AA Sequence	MSLFLKPFLFLYDTTSLLLLLFNGWSLEDTAAQKRREADKNAAETEWIQLQYLWT KTR SVVLLPVFKGLVVMCLVLSIIVFFESFYMNFVILFVKLFKRKPHKVYKWEAMQED VEVGP DNYPMVLIQIPMYNEKEVFQLSIAAICSLVWPSSRLVVQVDDSTDPAVREG VDVEIAKW QSQGINIRCERRDNRNGYKAGAMKEALTQSYVKQCDFVAVFDADFQP EPDYLRVAVPFLV HNPDVALVQARWIFVNANKCLMTRMQEMSLNYHFKVEQESGST RHAFFGFNGTAGVWRIS AMEAAGGWKSRTTVEDMDLAVRVGLHGWKFVYLNDLT VRNELPSKFKAYRFQQRWSCGP ANLFRKMTMEIIFNKRVSIIKKFYVIYSFFFVRK VAVHFLTFFFYCIIVPTSVFFPEIHI PSWSTIYVPSLISIFHTLATPRSFYLVIFWVLFENV MAMHRTKGTGTCIGLLEGGRVNEWV TEKLGDAKSKLLSRVVRKSCYQRVNSKEV MVGVIYILGCALYGLIYGHTWLHLYFLFLQA TAFFVSGFGFVGT
Purity	Greater than 90% as determined by SDS-PAGE.

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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	CSLA1
Synonyms	CSLA1; At4g16590; dl4320w; FCAALL.402; Probable glucomannan 4-beta-mannosyltransferase 1; Cellulose synthase-like protein A1; AtCslA1; Glucomannan synthase; Mannan synthase 1
UniProt ID	Q84W54

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