

Recombinant Full Length Arabidopsis Thaliana Glucomannan 4-Beta-Mannosyltransferase 2(Csla2) Protein, His-Tagged

Cat. No. RFL726AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Glucomannan 4-beta-mannosyltransferase 2(CSLA2) Protein (Q9FNI7) (1-534aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-534)
Form	Lyophilized powder
AA Sequence	MDGVSPKFVLPETFDGVRMEITGQLGMIWELVKAPVIVPLLQLAVYICLLMSVMLLCE RV YMGIVIVLVKLFWKKPKDKRYKFEPHDEELGSSNFPVVLVQIPMFNEREVYKLSI GAAC GLSWPSDRLVIQVLDDSTDPTVKQMVEVECQRWASKGINIRYQIRENRVGYK AGALKEGL KRSYVKHCEYVVFDAADFQPEPDFLRRSIPFLMHNPNIALVQARWRFVN SDECLLTRMQE MSLDYHFTVEQEVGSSTHAFFGFNGTAGIWRIAAINEAGGWKDRT TVEDMDLAVRASLRG WKFLYLGD LQVKSELPSTFRAFRFQQHRWSCGPANLFRKM VMEIVRNKKVRFWKKVYVIY SFFFVRKIIAHWVTFCFYCVVLPLTILVPEVKVPIWGSV YIPSIITILNSVGTPRSIHLL FYWILFENVMSLHRTKATLIGLFEAGRANEEVVTAKLGS GQSAKGNTKGIKRFPRIFKLP DRLNTLELGFAAFLVCGCYDFVHGKNNYFIYFLFLQT MSFFISGLGWIGTYVPS
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	CSLA2
Synonyms	CSLA2; At5g22740; MDJ22.16; Glucomannan 4-beta-mannosyltransferase 2; Cellulose synthase-like protein A2; AtCslA2; Glucomannan synthase; Mannan synthase 2
UniProt ID	Q9FNI7

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