

Recombinant Full Length Arabidopsis Thaliana Xyloglucan Glycosyltransferase 4(Cslc4) Protein, His-Tagged

Cat. No. RFL21AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Xyloglucan glycosyltransferase 4(CSLC4) Protein (Q9LJP4) (1-673aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-673)
Form	Lyophilized powder
AA Sequence	MAPNSVAVTMEKPDNFSLLEINGS DPSSFPDKRKSISPKQFSWFLLLKAHRLISCLS WLVS SVKKRIAFSAKNINEEEDPKSRGKQMYRFIKACLVISIIALSIEIVAHFKKWNLDL INR PSWEVYGLVEWSYMAWLSFRSDYIAPLVISLSRFCTVLFLIQSLDRLVLCLGCF WIKFKK IEPKLTEESIDLEDPSSFPMVLIQIPMCNEREVYEQSIGAASQLDWP KDRI QVLDDSD DPNLQLLIKEEVSVWAEKGVNIIYRHRLIRTGYKAGNLKSAMTC DYVKDY EFVTIFDADF TPNPDFLKKTPPHFKGNPELGLVQARWSFVNKDENLLTRLQNINLCF HFEVEQQVNGVFL NFFGFNGTAGVWRIKALEESGGWLERTTTVEDMDIAVRAHLNG WKFIYLN DVEVTCELPES YEAYKKQQRWHSGPMQLFRLCLPSIIKSKISVWKKANL IFLFFLLRKLILPFYSFTLFC IILPLTMFIPEAELPLWIICYVPIFISLLNLPSPKSF PFLVP YLLFENTMSITKFNAMI SGLFQFGSAYEWVTKKTGRSSES DLLAF AEKEEKLHRRN SESGLELLSKLKEQETNLVG QETVKKSLGGLMRPKNKKKTNMVFKKELGLAFLLLTA

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	AARSFLSAHGLHFYLLFQGLSF LVVGLDLIGEIQIS
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	CSLC4
Synonyms	CSLC4; At3g28180; MIG10.8; Xyloglucan glycosyltransferase 4; Cellulose synthase-like protein C4; AtCslC4; Xyloglucan synthase 4
UniProt ID	Q9LJP4

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