

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Probable Xyloglucan Glycosyltransferase 2(Cslc2) Protein, His-Tagged

Cat. No. RFL893OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Probable xyloglucan glycosyltransferase 2(CSLC2) Protein (Q69L19) (1-698aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-698)
Form	Lyophilized powder
AA Sequence	MAPPGVGVGVAYLWGKGRGGRKGPVVVTMESPNYSVVEVDGPDAEAEELRTAAV AMDKGG GRGRSRRTARQLTWVLLLRARRAAGRLASFAAAAARRFRRSPADAAD ELGRGRGRLMYG FIRGFLALSLLALAVELAAWNGWRLRRPELHVPEAVEIEGWAH SAYISWMSFRADYIRR PIEFLSKACILLFVIQSM DRLVLC LGCFWIKLRKIKPRIEGDPF REGSGYQH PMVLVQIP MCNEKEVYEQSISAACQLDWP REKFLIQVLDDSSDESIQL LIKAEVSKWSHQGVNIVYRH RVLRTGYKAGNLKSAMSCDYVKDYEFVAIFDADFQP TPDFLKKTIPHFEGNPELGLVQAR WSFVNKDENLLTRLQNINLCFHFEVEQQVNGVF LNFFGFNGTAGVWRIQALEESGGWLER TTVEDMDIAVRAHLNGWKFI FLNDVKVLC ELPESYEAYRKQQHRWHS GPMHLFRLCLPDI LTAKISSWKKANLILLFFLLRKLILPF YSFTLFCVILPLTMFVPEAELPVWVICYPVCM SFLNILPSRSPFPFIVPYLLFENTMS

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VTKFNAMVSGLFKLGSSYEWIVTKKSGRSSEDL STAAERDTKDLTLPRQLQKQISES
ELIELKMQKERQEKAPLGAKKANKVYKKELALSLLLL TAATRSLLSAQGIHFYFLLFQ
GVSFLFVGLDLIGEIQID

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 CSLC2

Synonyms CSLC2; Os09g0428000; LOC_Os09g25900; OJ1299_A11.39; OsJ_028287; P0689B09.2; Probable xyloglucan glycosyltransferase 2; Cellulose synthase-like protein C2; OsCSLC2

UniProt ID [Q69L19](#)

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