

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Probable Xyloglucan Glycosyltransferase 1(Cslc1) Protein, His-Tagged

Cat. No. RFL28155OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Probable xyloglucan glycosyltransferase 1(CSLC1) Protein (Q8LIY0) (1-690aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-690)
Form	Lyophilized powder
AA Sequence	MARWWGGEGRGSGTPVVVKMESPEWAISEVEAGAAAPGSPAAGGKAGRGKNA RQITWVL LLKAHRAAGKLTGAASAALSVAARRRVAAGRTDSDAAAAPPGESPA LRARFHGFLRA FLLLSVLLLAVDVAAHAQGWHAVVPDLLAVEGLFAAAYASWLRVR LEYLAPGLQFLANAC VVFLIQSADRILCLGCLWIKLKGIPVPKASGGGGGGKGS DDVEAGADEFPMLVQIP MCNEKEVYQQSIGAVCNLDWPRSNFLVQVLDDSDAA TSALIKEEVEKWQREGVRILYRH RVIRDGYKAGNLKSAMNCSYVKDYEFVIFDADF QPQADFLKRTVPHPFKGNEDVGLVQAR WSVNKNLLENLRLQNLNLCFHFVEVQV NGVFLNFFGFNGTAGVWRIKALEDSSGGMER TTVEDMDIAVRAHLKGWKFLYIND VEQCCELPESYEAYRKQQRHWSGPMQLFRLCFVDI IKSIGVWKKFNLIFFLLR KLILPFYSFTLFCIILPMTMFVPEAELPAWVCYIPATM SLLNILPAPKSFPFIVPYLLFE

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NTMSVTKFNAMISGLFQLGSAYEWVTKKSGRSSEGD L VSLVEKQPKQQRVGSAP
 NLDSLAKESHPPKDSKSKKKHNR IYQKELALSFLLLTAAARSLL SVQGIHFYFLLFQGV
 SFLVVGLDLIGE QVE

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 CSLC1

Synonyms CSLC1; Os01g0766900; LOC_Os01g56130; OSJNBb0053G03.13; Probable xyloglucan glycosyltransferase 1; Cellulose synthase-like protein C1; OsCslC1

UniProt ID [Q8LIY0](#)

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