

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Putative Xyloglucan Glycosyltransferase 10(Cslc10) Protein, His-Tagged

Cat. No. RFL33201OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Putative xyloglucan glycosyltransferase 10(CSLC10) Protein (Q84Z01) (1-686aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-686)
Form	Lyophilized powder
AA Sequence	MAPWSGFWAASRPALAAAAAGGTPVVVKMDNPNWSISEIDADGGEFLAGGRRRG RGKNAK QITWVLLLKAHRAAGCLAWLASAAVALGAAARRRVAAGRTDDADAETPA PRSRLYAFIRA SLLSVFLLAVELAAHANGRGRVLAASVDSFHSSWVRFAAYVAPP LQLLADACVVLFLV QSADRLVQCLGCLYIHLNRIKPKPISSPAAAAAALPDLEDPDAG DYYPMLVLVQIPMCNEK EVYQQSIAAVCNLDWPRSNILVQVLDDSDDPITQSLIKEEV EKWRQNGARIVYRHRVLRE GYKAGNLKSAMSCSYVKDYEYVAIFDADFQYPDFL KRTVPHFKDNEELGLVQARWSFVN KDENLLTRLQNINLCFHFEVEQQVNGIFINFFG FNGTAGVWRIKALEDSSGGWMERTTVED MDIAVRAHLNGWKVFVFLNDVECQCELPE SYEAYRKQQHRWHSGPMQLFRLCLPDIIRCKI AFWKKANLIFLFFLLRKLILPFYSFTL FCIILPMTMFIPEAELPDWVVCYIPALMSFLNI LPAPKSFPFIIPYLLFENTMSVTKFNA

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MISGLFQLGSAYEWVTKKSGRSSEGDIALAP KELKQQKILDLTAIKEQSMLKQSS
PRNEAKKKYNRIYKKELALSLLLLTAAARSLLSKQG IHFYFLMFQGLSFLLVGLDLIGE
DVK

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 CSLC10

Synonyms CSLC10; Os07g0124750; LOC_Os07g03260; P0474G09.119; Putative xyloglucan glycosyltransferase 10; Cellulose synthase-like protein C10; OsCslC10

UniProt ID [Q84Z01](#)

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