

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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> .                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Rice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Length</b>   | Full Length (1-686)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | <p>MAPWSGFWAASRPALAAAAAGGTPVVVKMDNPNWSISEIDADGGEFLAGGRRRG<br/> RGKNAK QITWVLLLKAHRAAGCLAWLASAAVALGAAARRRVAAGRTDDADAETPA<br/> PRSRLYAFIRA SLLSVFLLAVELAAHANGRGRVLAASVDSFHSSWVRFAAYVAPP<br/> LQLLADACVVLFLV QSADRLVQCLGCLYIHLNRIKPKPISSAAAAAALPDLEDPDAG<br/> DYYPMLVLVQIPMCNEK EVYQQSIAAVCNLDWPRSNILVQVLDDSDDPITQSLIKEEV<br/> EKWRQNGARIVYRHRVLRE GYKAGNLKSAMSCSYVKDYEYVAIFDADFQYPDFL<br/> KRTVPHFKDNEELGLVQARWSFVN KDENLLTRLQNINLCFHFEVEQQVNGIFINFFG<br/> FNGTAGVWRIKALEDSSGWMERTTVED MDIAVRAHLNGWKVFVFLNDVECQCELPE<br/> SYEAYRKQQHRWHSGPMQLFRLCLPDIIRCKI AFWKKANLIFLFFLLRKLILPFYSFTL<br/> FCIILPMTMFIPEAELPDWVVCYIPALMSFLNI LPAPKSFPFIIPYLLFENTMSVTKFNA</p> |

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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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