

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Probable Xyloglucan Glycosyltransferase 7(Cslc7) Protein, His-Tagged

Cat. No. RFL17576OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Probable xyloglucan glycosyltransferase 7(CSLC7) Protein (Q6L538) (1-688aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-688)
Form	Lyophilized powder
AA Sequence	MAPSWWGRSGGGGVGNNGGTPVVVKMENPNWSISEVEAAEVAPGSPAGAGKAG RGKNARQ ITWVLLLKAHRAAGRLTGAASAALAVASAARRRVASGRTDADAAPGES TALRARSYGCIR VSLVLSLLLLAVEVAAYLQGWHLEEVASLLAVDGLFAASYAGWM RLRLDYLAPPLQFLTN ACVALFMVQSIDRLVLCGCFWIRFKGIKPVPQAAAAGKPD VEAGAGDYPMLVQMPMCN EREYVQQSIGAVCNLDWPKSNFLVQVLDDSDATT SALIKEEVEKWQREGVRIIYRHRVI RDGYKAGNLKSAMNCSYVKDYEFVVFADDFQ PQADFLKRTVPHFKGKDDVGLVQARWSF VNKDENLLTRLQNVNLCFHFEVEQQVN GAFLNFFGFNGTAGVWRIKALEDSSGGMERTTV EDMDIAVRAHLKGWKFVFLNDV ECQCELPESYEAYRKQQRWHSGPMQLFRLCFVDIIS KIGFWKKFNLIFFLLRK LILPFYSFTLFCVILPMTMFVPEAELPAWVVCYIPATMSIL NILPAPKSFPFIVPYLLFE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NTMSVTKFNAMISGLFQLGSAYEWVTKKSGRSSEGLVGL VEKHSKQQRVGSAP
 NLDALTKEESNPKKDSKKKKHNRIYRKELALSFLLLTAARSLLSA QGIHFYFLLFQG
 VSFLVVGLDLIGEQUE

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 CSLC7

Synonyms CSLC7; Os05g0510800; LOC_Os05g43530; OJ1005_B11.7; Probable xyloglucan glycosyltransferase 7; Cellulose synthase-like protein C7; OsCslC7

UniProt ID [Q6L538](#)

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