

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Probable Xyloglucan Glycosyltransferase 9(Cslc9) Protein, His-Tagged

Cat. No. RFL22947OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Probable xyloglucan glycosyltransferase 9(CSLC9) Protein (Q6AU53) (1-595aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-595)
Form	Lyophilized powder
AA Sequence	MAPWSGLWGGKLAAGESPVLRSRFYAFIRAFVVLVSVLLLVIVELGAYINGWDDLAASALAL PVIGVESLYASWLRFRATYVAPFIQFLTDACVVLFLIQSADRILQCLGCFYIHLKRIKPN PKSPALPDAEDPDAAYYPMVLVQIPMCNEKEVYQQSIAAVCNLDWPRSNFLVQVLDDSD PTTQTLIREEV LKWQQNGARIVYRHRVLRDGYKAGNLKSAMSCSYVKD YEFVAIFDADFQ PNPDLKRTVPHFKDNDELGLVQARWSFVNKDENLLTRLQNINLC FHFEVEQQVNGIFLN FFGFNGTAGVWRIKALDDSGGWMERTTVEDMDIAVRAHLR GWKFIFLNDVECQCELPESY EAYRKQQRWHSGPMQLFRLCLPDIKCKIVFWKKA NLIFLFFLLRKLILPFYSFTLFCI ILPMTMFVPEAELPDWVVCYIPALMSLLNLPSPKSF PFIIPYLLFENTMSVTKFNAMIS GLFQLGNAYEWVVTKKSGRSSEGLISLAPKELKH QKTESAPNLDAIAKEQSAPRKDVKK KHNRIYKKELALSLLLLTAAARSLLSKQGIHFY

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	FLLFQGISFLLVGLDLIGEQIE
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	CSLC9
Synonyms	CSLC9; Os03g0770800; LOC_Os03g56060; OSJNBa0072F13.8; Probable xyloglucan glycosyltransferase 9; Cellulose synthase-like protein C9; OsCslC9
UniProt ID	Q6AU53

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