

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Probable Mannan Synthase 4(Csla4) Protein, His-Tagged

Cat. No. RFL21391OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Probable mannan synthase 4(CSLA4) Protein (Q8S7W0) (1-549aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-549)
Form	Lyophilized powder
AA Sequence	MEGQWGRWRLAAAAAASSSGDQIAAAWAVVRARAVAPVLQFAVWACMAMSVMLV LEVAYM SLVSLVAVKLLRRVPERRYKWEPIITGSGGVGGGDGEDEEAATGGREAA AFPMVLVQIPM YNEKEVYKLSIGAACALTWPPDRIIIQVLDDSTDPAIKDLVELECKD WARKEINIKYEIR DNRKGYKAGALKKGMHEIYTQQCDFVAIFDADFQPESDFLLKTIP FLVHNPKIGLVQTRW EFNVDVCLMTRIQQMSLDYHFKVEQESGSSMHSFFGFNG TAGVWRVSAINAEAGGWKDRT TVEDMDLAVRASLKGWQFLYVGDIRVKSELPSTFK AYRHQQHRWTCGAANLFRKMATEIA KNKGVSVWKKLHLLYSFFFVRRRVAPILTFL FYCVVIPLSVMVPEVSIPVWGMVYIPTAI TIMNAIRNPGSIHLMPFWILFENVMAMHR MRAALTGLLETMNVNQWVTEKVGDHVKDKL EVPLLEPLKPTDCVERIYIPELMVAF YLLVCASYDLVLGAKHYLYIYLQAFALGFG FAGTSTPCS
Purity	Greater than 90% as determined by SDS-PAGE.

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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	CSLA4
Synonyms	CSLA4; Os03g0169500; LOC_Os03g07350; OsJ_009219; OSJNBa0091P11.21; Probable glucomannan 4-beta-mannosyltransferase 4; Cellulose synthase-like protein A4; OsCSLA4; Glucomannan synthase; Mannan synthase 4
UniProt ID	Q8S7W0