

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Probable Mannan Synthase 6(Csla6) Protein, His-Tagged

Cat. No. RFL22857OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Probable mannan synthase 6(CSLA6) Protein (Q6Z2T9) (1-574aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-574)
Form	Lyophilized powder
AA Sequence	MQGSSTSILHFVPSDPTSTSVLDFLSPTPRGTSPVHDRRLHAGDLALRAGGDRLLVA DTV AAVVESLVQAWRQVRMELLVPLLRGAVVACMVMSVIVLAEKVFLGVVSAVVKL LRRRPAR LYRCDPVVVEDDDEAGRASFPMVLVQIPMYNEKEVYQLSIGAACRLTWP ADRLIVQVLDD STDAIVKELVRKECERWGKKGINVKYETRKDRAGYKAGNLREGMR RGYVQGCCEFVAMLDA DFQPPPDFLLKTVPFLVHNPRALVQTRWEFVNANDCLLT RMQEMSM DYHFKEQEAGSS LCNFFGYNGTAGVWRRQVIDESGGWEDRTTAED MDLALRAGLLGWEFVYVGSIKVKSELP STLKAYRSQQHRWSCGPALLFKKMFWEIL AAKKVSFWKKLYMTYDFFIARRIISTFTFFF FSVLLPMKVFFPEVQIPLWELILIPTAI LLHSGVTPRSIHLILWFLFENVMALHRLK ATLIGFFEAGRANEWIVTQKLGNIQKLKSI VRVTKNCRFKDRFHCLELFIGGFLLTSACY DYLYRDDIFYIFLLSQSIIFYAIGFEFMGV SVSS

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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	CSLA6
Synonyms	CSLA6; Os02g0744600/Os02g0744650; Os02g0744500; LOC_Os02g51060; OJ1118_G04.6; OJ1734_E02.33; Probable glucomannan 4-beta-mannosyltransferase 6; Cellulose synthase-like protein A6; OsCslA6; Glucomannan synthase; Mannan synthase 6
UniProt ID	Q6Z2T9