

Recombinant Full Length *Oryza Sativa* Subsp. Japonica Probable Mannan Synthase 3(Csla3) Protein, His-Tagged

Cat. No. RFL23619OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. japonica Probable mannan synthase 3(CSLA3) Protein (Q67X45) (1-551aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-551)
Form	Lyophilized powder
AA Sequence	MAMAGADGPTAGAAA VRWRGGESLLLLLLRPSSAELVA AWGAARASAVAPALA AASAA CLALSAMLLADAVLMAAACFARRRPDRRYRATPLGAGAGADDDDDDEEAG RVAYPMVLVQ IPMYNEREVYKLSIGAACGLSWPSDR LIVQVLDDSTDPTVKGLVELE CKSWGNGKGNV KY EVRNRKGYKAGALKEGLLRDYVQQCN YVAIFDADFQPEPDF LLRTIPYLVRNPQIGLVQ AHWEFVNTSECLMTRI QKMTLHYHFKVEQE GGSSTFAFF GFNGTAGVWRISALEEAGGWK DRTTVEDMDLAVRAGLKGWK FVYLADV KVKSELP SNLKTYRHQQHRWTCGAANLFRKVGA EILFTKEVPFWWK FYLLYSFFFVRKVV AHV VPFMLYCVVIPFSVLIPEVTPVWGVVYVP TTITLLHAIRNTSS IHFIPFWILFENVMSF HRTKAMFIGLLELGGVNEWVTEKLGNGSN TKPASQILERPPCRFWDRWTMSEILF SIFLFFCATYNLAYGGDYFVYIYLQAIAFLVVG IGFCGTISSNS
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	CSLA3
Synonyms	CSLA3; Os06g0230100; LOC_Os06g12460; P0525F01.26; Probable glucomannan 4-beta-mannosyltransferase 3; Cellulose synthase-like protein A3; OsCslA3; Glucomannan synthase; Mannan synthase 3
UniProt ID	Q67X45

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