

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Cellulose Synthase-Like Protein E1(Csle1) Protein, His-Tagged

Cat. No. RFL29318OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Cellulose synthase-like protein E1(CSLE1) Protein (Q651X7) (1-737aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E.coli</i>
ProteinLength	Full Length (1-737)
Form	Lyophilized powder
AA Sequence	METTAAATAAERRRPLFTTEELGGRAVYRVQAATVAAGILLVLYRATRVPAAGEGR AAW LGMAAAELWFAVYWVIAQSVRWRPFRRRTFRDRLAERYEQNLPGVDIFVCTA DPQSEPPS LVISTILSVMAYNYPSEKISVYLSDDGGSILTFYALWEASIFAKKWLPFC KRYNIEPRSP AAYFSESKVHHNLCIPKEWALIKNLYEEMRERIDTATMSGKIPEEMKL KHKGFDEWNSDF TLKNHQPIVQILIDGKNRNAIDDDRNVLPTMVYVAREKRPQYHH NFKAGALNALIRVSSV ISDSPVILNVDCDMYSNNSDSIRDALCFFLDEEMGQKIGFVQ YPQIFNNMTQNDIYGNSF NVSYHVEMCGLDSVGGCLYIGTGCFHRREILCGRIFSKD YKENWNRGIKERGKENINEIE EKATSLVTCTYEHRTQWGNDIGVKYGFPAEDIITGL AIHCRGWESAFINPKRAAFLGLAP STLAQNILQHKRWSEGNLTIFLSKYCSFLFGHG KIKLQLQMGYCICGLWAANSLPTLYYV VIPSLGLVKGTPLFPQIMSPWATPFIYVFCV KTLYGLYEALLSGDTLKGWWNGQRMWMVK SITSYLYGFIDTIRKCVGMSKMSFEVT

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	AKVSGHDEAKRYEQEILEFGSSSPEYVIIATVA LLNFVCLVGGLSQIMAGVWNMPW NVFLPQAILCGMIVIINMPIYEAMFLRKDNGRIPTAV TLASIGFVMLAFLVPIV
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	CSLE1
Synonyms	CSLE1; Os09g0478100; LOC_Os09g30120; OsJ_028602; P0556A05.31-1; P0556A05.31-2; Cellulose synthase-like protein E1; OsCslE1
UniProt ID	Q651X7