

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Cellulose Synthase-Like Protein E2(Csle2) Protein, His-Tagged

Cat. No. RFL36151OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Cellulose synthase-like protein E2(CSLE2) Protein (Q0DXZ1) (1-745aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length (1-745)
Form	Lyophilized powder
AA Sequence	MAGSGGGVVSGGRQRGPPPLFATEKPGRMAMAAYRVSAATVFAGVLLIWLYRATHL PPGGG DGVRRWAWLGMLAAELWFGFYWVLTLSVRWCPVYRRTFKDRLAQSYSE DELPSVDIFVCT ADPTAEPMLVISTVLSVMAYDYLPEKLNILSDDAGSVLTFYVLC EASEFAKHWPFCCKYKVEPRSPAAYFAKVASPPDGCGPKEWFTMKELYKDMTDR VNSVNSGRIPEVPRCHSR GFSQWNENFTSSDHPSIVQILIDSNKQKAVDIDGNALP TLVYMAREKKPQKQHFKAGSL NALIRVSSVISNSPIIMNVDCDMYSNNSESIRDAL CFFLDDEEQGDIGFVQYPQNFENVV HNDIYGHPIINVVNELDHPCLDGGWGGMCYYG TGCFHRREALCGRIYSQEYKEDWTRVAGRT EDANELEEMGRSLVTCTYEHNITWGI EKGVRYGCPLEDVTTGLQIQCRGWRVSYYNPKRK GFLGMTPTSLGQILVLYKRWT EGFLQISLSRYSPLFGHGKIKLGLQMGYSVCGFWAVNS FPTLYYVTIPSLCFLNGIS LFPEKTSPWFIPFAYVMVAAYSCSLAESLQCGDSAVEWWNA QRMWLIRRITSYLLA

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TIDTFRRILGISESGFNLTVKVTDLQALERYKKGMMEFGSFSAMF VILTTVALLNLAC
MVLGISRVLLQEGPGGLETLFLQAVLCVLIVAINSPVYEALFLRRDK GSLPASVARVSI
CFVLPLCILSICK

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 CSLE2

Synonyms CSLE2; Os02g0725300; LOC_Os02g49332; Cellulose synthase-like protein E2; OsCsIE2

UniProt ID [Q0DXZ1](#)

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