

Recombinant Full Length Oryza Sativa Subsp. Japonica Derlin-1(Der1) Protein, His-Tagged

Cat. No. RFL9370OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica Derlin-1(DER1) Protein (Q06397) (1-242aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-242)
Form	Lyophilized powder
AA Sequence	MSSPAEYYNSLPPISKAYGTLCTFFATVLCQLQILNPPFLALYYPFVFKKFQIWRLFTSF F FLGKFSINFGIRLLMIARYGVQLEKGAFEKRTADFLWMMIFGAISLLALSAPFLDIYF L GVPMVSMMLLYVWSREYPNSQISMYGLVQLRSFYLPWAMLGLDVIFGSEILPGLLGI LVGH TYYFLSVLHPLATGKNYLKTPMWWHKIVARFRIGVQANAPVRPAAANTGSGA FRGRSYRL SQ
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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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	DER1
Synonyms	DER1; Os05g0187800; LOC_Os05g09550; B1007D10.4; OJ1097_A12.10; OsJ_17392; Derlin-1; 18 kDa cold-induced protein; DER1-like protein 1; OsDerlin 1-1
UniProt ID	Q06397