

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Protein Disulfide Isomerase-Like 5-3(Pdil5-3) Protein, His-Tagged

Cat. No. RFL32281OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Protein disulfide isomerase-like 5-3(PDIL5-3) Protein (Q0E0I1) (29-425aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length of Mature Protein (29-425)
Form	Lyophilized powder
AA Sequence	ADAGGGGEAEFQIPRDGRVLELDDGNFDAAVRAAGLLFVDFYAPWCGHCKRLAP QLDEA APVLAGLSTPIVVAKVNAADKYKKLGSKYGVDFGPTLMLFDHGTPTTEYTGSR KADLLVENL KKLVPDVSFVLESDSAISFVEDAGMGFPLFLGFGVDESLIVEYGAKY KNRAWFSVAKDF SEDMMVFYDFDKVPALVSVNPKYREQSIFYGPFDDGAFLEDFIR NSLLPLVPMNRETVK MLNDDGRKVVLMLQDDESDENSPRIKVLRSAASANRDL VFGYVGVNQWEEFTETFDVK SSELPTMIVWDKKEEYEIVEGSERLEEGDYGSQISR FLEGYRAGRTIKKKVGDRSPTLLG VNAVYILVFLVAVLVLLMYFSGQGEEDQRPRQR AHED
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	PDIL5-3
Synonyms	PDIL5-3; PDIL7-2; Os02g0550300; LOC_Os02g34530; OsJ_07093; Protein disulfide isomerase-like 5-3; OsPDIL5-3; Protein disulfide isomerase-like 7-2; OsPDIL7-2
UniProt ID	Q0E0I1

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