

Recombinant Full Length *Oryza Sativa* Subsp. *Japonica* Protein Disulfide Isomerase-Like 5-2(Pdil5-2) Protein, His-Tagged

Cat. No. RFL307OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Oryza sativa</i> subsp. <i>japonica</i> Protein disulfide isomerase-like 5-2(PDIL5-2) Protein (Q0JD42) (36-423aa), 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 (36-423)
Form	Lyophilized powder
AA Sequence	EEFPRDGRVIELDESSFEAALGAIDYLFVDFYAPWCGHCKRLAPELDEAAPVLAGLS EPI IVAKVNADKYRKLGSKYGVDGFPTLMLFIHGVPIEYTGSRKADLLVRNLNKFVAP DVSIL ESDSAIKSFVENAGTSFPMFIGFGVNESLIAGYGGKYKKRAWFAVAKDFSED FMVTYDFD KVPALVSLHPKYKEQSVFYGPFEGSFLEDFIRQSLLPLTVPINTETLKML DDDDRKVLA ILEDDSDETSSQLVKVLRSAANANRDLVFGYVGIKQWDEFVETFDIS KSSQLPKLIVWDR NEEYEVEGSEKLEEGDQASQISQFLEGYRAGRRTTKKKVSGPS FMGFLNSLVSLNSLYIL ICVFALLGVMIYFTGQDDTPQVRRRAHEE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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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

PDIL5-2

Synonyms

PDIL5-2; PDIL7-1; Os04g0432500; LOC_Os04g35290; OSJNBa0084A10.17; Protein disulfide isomerase-like 5-2; OsPDIL5-2; Protein disulfide isomerase-like 7-1; OsPDIL7-1

UniProt ID

[Q0JD42](#)

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