

Recombinant Human PDCD1 protein, His-SUMO-tagged

Cat. No. PDCD1-4409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDCD1 protein(Q15116)(21-170aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	21-170aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	32.8 kDa
AA Sequence	PGWFLDSPDRPWNPPPTFSPALLVTEGDNATFTCSFSNTSESVLNWYRMSPSNQ TDKLAAFPEDRSQPGQDCRFRVTQLPNGRDFHMSVVRARRNDSTYLCAISLAP KAQIKESLRAELRVTERRAEVPTAHPSPSPRPAGQFQTLV
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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%.

GENE INFORMATION

Gene Name [PDCD1 programmed cell death 1 \[Homo sapiens \]](#)

Official Symbol [PDCD1](#)

Synonyms PDCD1; programmed cell death 1; programmed cell death protein 1; CD279; PD1; protein PD-1; PD-1; SLEB2; hPD-1; hPD-I;

Gene ID [5133](#)

mRNA Refseq [NM_005018](#)

Protein Refseq [NP_005009](#)

MIM [600244](#)

UniProt ID [Q15116](#)

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