

Recombinant Human DCLRE1C protein, His-tagged

Cat. No. DCLRE1C-2932H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCLRE1C protein(305-577 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	305-577 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	AVSEKQPEKLRQTPGCCRAECMQSSRFTNFVDCEESNSESEEEVGI PASLQGD LG SVLHLQKADGDVPQWEVFFKRND EITDESLENFPSSTVAGGSQSPKLFSDSDGEST HISSQNSSQSTHITEQGSQGWDSQS DTVLLSSQERNSGDITSLDKADYRPTIKENIP ASLMEQNVICPKDTYSDLKSRDKDVTI VPSTGEPTTLSSETHIPEEKSLLN LSTNADS QSSSDFEVPSTPEAELPKREHLQYLYEKLATGESIAVKKRKCSSLDT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [DCLRE1C DNA cross-link repair 1C \[Homo sapiens \]](#)

Official Symbol [DCLRE1C](#)

Synonyms DCLRE1C; DNA cross-link repair 1C; DNA cross link repair 1C (PSO2 homolog, *S. cerevisiae*) , SCIDA, severe combined immunodeficiency, type a (Athabaskan); protein artemis; A SCID; ARTEMIS; FLJ11360; PSO2 homolog (*S. cerevisiae*); SNM1C; PSO2 homolog; SNM1 homolog C; SNM1-like protein; DNA cross-link repair 1C protein; severe combined immunodeficiency, type a (Athabaskan); DNA cross-link repair 1C (PSO2 homolog, *S. cerevisiae*); SCIDA; A-SCID; hSNM1C; RS-SCID; DCLREC1C; FLJ36438;

Gene ID [64421](#)

mRNA Refseq [NM_001033855](#)

Protein Refseq [NP_001029027](#)

MIM [605988](#)

UniProt ID [Q96SD1](#)

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