

Recombinant Human DCLRE1A, GST-tagged

Cat. No. DCLRE1A-11855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCLRE1A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	690-1040a.a.
Description	This gene encodes a conserved protein that is involved in the repair of DNA interstrand cross-links. DNA cross-links suppress transcription, replication, and DNA segregation. The encoded protein is a regulator of the mitotic cell cycle checkpoint. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DCLRE1A DNA cross-link repair 1A [Homo sapiens]
Official Symbol	DCLRE1A

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Synonyms	DCLRE1A; DNA cross-link repair 1A; DNA cross link repair 1A (PSO2 homolog, S. cerevisiae); DNA cross-link repair 1A protein; hSNM1; KIAA0086; PSO2; PSO2 homolog (S. cerevisiae); SNM1; hSNM1A; PSO2 homolog; SNM1 homolog A; DNA-crosslink repair gene SNM1; DNA cross-link repair 1A (PSO2 homolog, S. cerevisiae); SNM1A;
Gene ID	9937
mRNA Refseq	NM_014881
Protein Refseq	NP_055696
MIM	609682
UniProt ID	Q6PJP8
Chromosome Location	10q25.1
Function	hydrolase activity;