

Recombinant Full Length Human DCLRE1B Protein, GST-tagged

Cat. No. DCLRE1B-3855HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DCLRE1B full-length ORF (NP_073747.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	532 amino acids
Description	DNA interstrand cross-links prevent strand separation, thereby physically blocking transcription, replication, and segregation of DNA. DCLRE1B is one of several evolutionarily conserved genes involved in repair of interstrand cross-links (Dronkert et al., 2000 [PubMed 10848582]).[supplied by OMIM, Mar 2008]
Molecular Mass	86.4 kDa
AA Sequence	MNGVLIPHTPIAVDFWSLRRAGTARLFFLSHMHSDHTVGLSSTWARPLYCSPITAHLLHRHLQVSKQWIQALEVGESHVLPDEIGQETMTVTLDDANHCPSVMFLFEGYFGTILYTGDFRYTPSMLKEPALTLGKQIHTLYLDNTNCNPALVLP SRQEAAHQIVQLIRKH PQHNIKIGLYSLGKESLLEQLALEFQTWVVLSPRRLELVQLLGLADVFTVEEKAGRIH AVDHMEICHSNMLRWNQTHPTIAILPTSRKIHSSHPDIHVIPYSDHSSYSELRAFVAALKPCQVVPIVSRRPCGGFQDSLSPRISVPLIPDSVQQYMSSSSRKPSLLWLLERRLKR PRTQG VVFESPEESADQSQADRDSKKAKKEKLSPPADLEKQPSHHPLRIKKQLFP DLYSKEWNKAVPFCESQKRVTMLTAPLGFSVHLRSTDEEFISQKTREEIGLGSPLVP

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MGDDDGGPEATGNQSAWMGHGSPLSHSSKGTPLLATEFRGLALKYLLTPVNFFQA
GYSSRRFDQQVEKYHKPC

Applications
Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [DCLRE1B DNA cross-link repair 1B \[Homo sapiens \(human\) \]](#)

Official Symbol [DCLRE1B](#)

Synonyms DCLRE1B; DNA cross-link repair 1B; SNM1B; SNMIB; APOLLO; 5' exonuclease Apollo; DNA cross-link repair 1B (PSO2 homolog, *S. cerevisiae*); PSO2 homolog; SNM1 homolog B

Gene ID [64858](#)

mRNA Refseq [NM_001319946](#)

Protein Refseq [NP_001306875](#)

MIM [609683](#)

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UniProt ID

Q9H816

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