

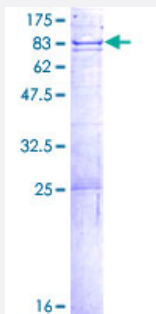
Full-Length

DCLRE1B (Human) Recombinant Protein (P01)

Catalog # H00064858-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DCLRE1B full-length ORF (NP_073747.1, 1 a.a. - 532 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNGVLIPHTPIAVDFWSLRRAGTARLFFLSHMHSDHTVGLSSTWARPLYCSPITAHLLHRHLQVSK
QWQALEVGESHVLPDEIGQETMTVTLLDANHCPGSMFLFEGYFGTILYTGDFRYTPSMLKEPA
LTLGKQIHTLYLDNTNCNPALVPSRQEAAHQIVQLIRKHPQHNIKIGLYSLGKESLLEQLALEFQW
VVLSPRRLELVQLLGLADVFTVEEKAGRIHAVDHMEICHSNMLRWNTHTPTAILPTSRKIHSSHPDI
HVIPYSDHSSYSELRAFVAALKPCQVVPVSRRPCGGFQDSLSPRISVPLIPDSVQQYMSSSSSRKP
SLLWLLERRLRKPRRTQGVVFESPEESADQSQADRDSSKAKKEKLSPPADLEKQPSHHPLRIK
KQLFPDLYSKEWNKAVPFCESQKRVMTLTAPLGFSVHLRSTDEEFISQKTREEIGLGSPLVPMGD
DDGGPEATGNQSAWMGHGSPLSHSSKGTPLATEFRGLALKYLLTPVNFFQAGYSSRRFDQQV
EKYHKPC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

86.4

Interspecies Antigen Sequence

Mouse (77); Rat (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — DCLRE1B

Entrez GeneID	64858
GeneBank Accession#	NM_022836.2
Protein Accession#	NP_073747.1
Gene Name	DCLRE1B
Gene Alias	APOLLO, DKFZp686C24187, FLJ12810, FLJ13998, SNM1B
Gene Description	DNA cross-link repair 1B (PSO2 homolog, <i>S. cerevisiae</i>)
Omim ID	609683
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000013722