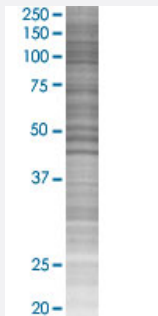


DCLRE1C 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00064421-T02

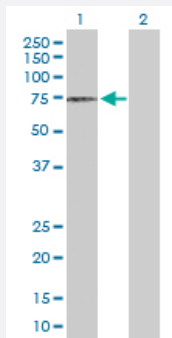
Size 100 uL

Applications



SDS-PAGE Gel

DCLRE1C transfected lysate.



Western Blot

Lane 1: DCLRE1C transfected lysate (50.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-DCLRE1C full-length
Host	Human
Theoretical MW (kDa)	50
Interspecies Antigen Sequence	Mouse (89); Rat (89)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DCLRE1C antibody ([H00064421-D01P](#)) by Western Blots.
SDS-PAGE Gel
DCLRE1C transfected lysate.
Western Blot
Lane 1: DCLRE1C transfected lysate (50.00 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — DCLRE1C

Entrez GeneID

[64421](#)

GeneBank Accession#

[BC022254.1](#)

Protein Accession#

[AAH22254.1](#)

Gene Name

DCLRE1C

Gene Alias

A-SCID, DCLREC1C, FLJ11360, FLJ36438, RS-SCID, SCIDA, SNM1C

Gene Description

DNA cross-link repair 1C (PSO2 homolog, *S. cerevisiae*)

Omim ID

[602450](#) [603554](#) [605988](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins when complexed with protein kinase, DNA-activated, catalytic polypeptide. Mutations in this gene cause Athabaskan-type severe combined immunodeficiency (SCIDA). [provided by RefSeq]

Other Designations

OTTHUMP00000019166|OTTHUMP00000019167|OTTHUMP00000019168|OTTHUMP00000019170|OTTHUMP00000019171|OTTHUMP00000019172|OTTHUMP00000019174|OTTHUMP0000045150|artemis protein|severe combined immunodeficiency, type a (Athabaskan)

Pathway

- [Non-homologous end-joining](#)
- [Primary immunodeficiency](#)

Disease

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Immunologic Deficiency Syndromes](#)
- [Lymphopenia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Severe combined immunodeficiency](#)
- [Werner syndrome](#)