

Datasheet for ABIN1629424  
**DCLRE1B Protein (AA 1-541) (His tag)**



[Go to Product page](#)

Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | DCLRE1B  |
| Protein Characteristics:      | AA 1-541                                       |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This DCLRE1B protein is labelled with His tag. |
| Application:                  | ELISA  |

Product Details

|                  |   |
|------------------|---|
| Sequence:        | MNGVVIPQTP IAVDFWSLRR AGTARLFFLS HMHCDHTVGL SSTWARPLYC SPITAHLLHR<br>RLQVSKQWIR ALEIGESHVL LLDEIGQETM TVTLIDANHC PGSVMFLFEG YFGTILYTGD<br>FRYTPSMLKE PALTLGKQIH TLYLDNTNCN PALVLPSRQE ATQQIQLIR QFPQHNIKIG<br>LYSLGKESLL EQLALEFQTW VVLSPQRLEL VQLLGLADV FVTEEEAGRIH AVDHMEICHS<br>AMLQWNQTHP TIAIFPTSRK IRSPHPSIYS IPYSDHSSYS ELRAFVAALR PCQVVPVIRE<br>QPCGEFFQDS LSPRLSMPLI PHSVQQYMSS SSRKTNVFWQ LERRLKRPT QGVVFESPEE<br>KADQVKVDRD SKKHKKESLS PWAGCLSRLC PHPLQARKQL FPDFCRKEGD EPVLFCDSENK<br>MATVLTAPLE LSVQLQPVE FFPETREEI GLGSPLWSGG GSGSPTRGKQ SNGMGCGSPP<br>THISRTHTLT PESGGLALKY LLTPVDFLQA GFSSRNFDQQ VEKHQRVQC NPAVMNTVDD V |
| Specificity:     | Rattus norvegicus (Rat)   |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.  |

## Product Details

Purity: > 90 %

## Target Details

Target: DCLRE1B

Alternative Name: 5 exonuclease Apollo (Dclre1b) ([DCLRE1B Products](#))

Background: Recommended name: 5' exonuclease Apollo.  
EC= 3.1.-.-.  
Alternative name(s): DNA cross-link repair 1B protein SNM1 homolog B

UniProt: [Q4KLY6](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.