

# Recombinant Full Length Human CUL4B Protein, GST-tagged

**Cat. No.** CUL4B-670HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human CUL4B(1 a.a. - 913 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 913 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene is a member of the cullin family. The encoded protein forms a complex that functions as an E3 ubiquitin ligase and catalyzes the polyubiquitination of specific protein substrates in the cell. The protein interacts with a ring finger protein, and is required for the proteolysis of several regulators of DNA replication including chromatin licensing and DNA replication factor 1 and cyclin E. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 130.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MMSQSSGSGD GNDDEATTSK DGGFSSPSPS AAAAAQEVRS ATDGNTSTTP<br>PTSAKKRKLN SSSSSSSNSS NEREDFDSTS SSSSTPPLQP RDSASPSTSS<br>FCLGVSVAS SHVPIQKKLR FEDTLEFVGF DAKMAEESSS SSSSSSPTAA<br>TSQQQQLKNK SILISSVASV HHANGLAKSS TTVSSFANSK PGSAKKLVIK<br>NFKDKPKLPE NYTDETWQKL KEAVEAIQNS TSIKYNLEEL YQAVENLCSY                                                                                                                                                                                                             |

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KISANLYKQL RQICEDHIKA QIHQFREDSL DSVLFLKKID RCWQNHCRQM  
 IMIRSIFLFL DRTYVLQNSM LPSIWDMGLE LFRAHIISDQ KVQNKTIDGI  
 LLLIERERNNG EAI DRSLRS LLSMLS DLQI YQDSFEQRFL EETNRLYAAE  
 GQKLMQEREV PEYLHHVNKR LEEADRLIT YLDQTTQKSL IATVEKQLLG  
 EHLTAILQKG LNNLLDENRI QDLSLLYQLF SRVRGGVQVL LQQWIEYIKA  
 FGSTIVINPE KDKTMVQELL DFKDKVDHII DICFLKNEKF INAMKEAFET  
 FINKRPNKPA ELIAKYVDSK LRAGNKEATD EELEKMLDKI MIIFRFIYGK  
 DVFEAFYKGD LAKRLLVGKS ASVDAEKSML SKLKHECGAA FTSKLEG MFK  
 DMELSKDIMI QFKQYMQNQV VPGNIELTVN ILTMGYWPTY VPMEVHLPPE  
 MVKLQEIFT FYLGKHSGRK LQWQSTIGHC VLKAEFKEGK KELQVSLFQT  
 LVLLMFNEGE EFSLEEIKQA TGIEDGELRR TLQSLACGKA RVLAKNPKGK  
 DIEDGDKFIC NDDFKHKLFR IKINQIQMKE TVEEQASTTE RVFQDRQYQI  
 DAAIVRIMKM RKTLSHNLV SEVYNQLKFP VKPADLKKRI ESLIDRDYME  
 RDKENPNQYN YIA

**Applications**

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

**Storage**

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

## GENE INFORMATION

**Gene Name**

CUL4B cullin 4B [ Homo sapiens ]

**Official Symbol**

CUL4B

**Synonyms**

CUL4B; cullin 4B; cullin-4B; CUL-4B; SFM2; MRXSC; MRXHF2; MRXS15; KIAA0695;  
DKFZp686F1470

**Gene ID**

8450

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|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_003588 |
| Protein Refseq | NP_003579 |
| MIM            | 300304    |
| UniProt ID     | Q13620    |

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