

Product datasheet for TP306935M

Cullin 4B (CUL4B) (NM_003588) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human cullin 4B (CUL4B), transcript variant 1, 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC206935 protein sequence
Red=Cloning site Green=Tags(s)

MMSQSSGSGDGNDEATTSKDGGFSSPSPSAAAAAQEVRSATDGNTSTTPPTS AKKRKLNSSSSSSNSS
 NEREDFDSTSSSSTPPLQPRDSASPSTSSFCLGVSVAASSHVPIQKRLRFEDTLEFVGFDAKMAEESS
 SSSSSPTAATSQQQLKNKSILISSVASVHHANGLAKSSTTVSSFANSKPGSAKLVKFNKDKPKLPE
 NYTDETWQKLKEAVEAIQNSTSIKYNLEELYQAVENLCSYKISANLYKQLRQICEDHIKAQIHQFREDSL
 DSVLFLKKIDRCWQNHCRQMIMIRSIFLDRTYVLQNSMLPSIWDMGLELFRAHISDQKVNKTIDGI
 LLLIERERNGE AIDRSLRSLLSMLSDLQIQDSFEQRFL EETNRLYAAEGQKLMQEREVPEYLHHVNR
 LEEEADRLITYLDQTTQKSLIATVEKQLLGEHLTAILQKGLNNLLDENRIQDLSLLYQLFSRVRGGVQL
 LQQWIEYIKAFGSTIVINPEKDKTMVQELLDKDKVDHIIDICFLKNEKFINAMKEAFETFINKRPNKPA
 ELIAKYVDSKLRAGNKEATDEELEKMLDKIMIIFRFYIGKDVFEAFYKDLAKRLLVVGKSASVDAEKSML
 SKLKHECGAAFTSKLEGMFKDMELSKDIMIQFKQYMQNQVPGNIELTVNILTMGYWPTYVPMEVHLPPE
 MVKLQEIFKTFYLGHSGRKLQWQSTIGHCVLKAEFKEGKELQVSLFQTLVLLMFNEGEEFSLEEIKQA
 TGIEDGELRRTLQSLACGKARVLAKNPKGKDIEDGDKFICNDDFKHKLFRIKINQIQMKETVEEQASTE
 RVFQDRQYQIDAAIVRIMKMRKTLSHNLLVSEVYNQLKFPVKPADLKKRIESLIDRDYMERDKENPNQYN
 YIA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

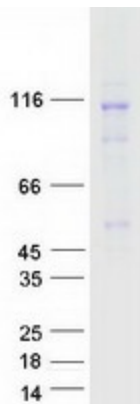
Tag: C-Myc/DDK
Predicted MW: 103.8 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

| | |
|--------------------------|--|
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_003579 |
| Locus ID: | 8450 |
| UniProt ID: | Q13620 |
| RefSeq Size: | 5365 |
| Cytogenetics: | Xq24 |
| RefSeq ORF: | 2739 |
| Synonyms: | CUL-4B; MRXHF2; MRXS15; MRXSC; SFM2 |
| Summary: | 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. [provided by RefSeq, Jul 2008] |
| Protein Pathways: | Nucleotide excision repair, Ubiquitin mediated proteolysis |

Product images:



Coomassie blue staining of purified CUL4B protein (Cat# [TP306935]). The protein was produced from HEK293T cells transfected with CUL4B cDNA clone (Cat# [RC206935]) using MegaTran 2.0 (Cat# [TT210002]).