

## Product datasheet for TP306935

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206935 protein sequence Red=Cloning site Green=Tags(s)

MMSQSSGSGDGNDEATTSKDGGFSSPSPSAAAAAQEVRSATDGNTSTTPPTSAKKRKLNSSSSSSSNSS  
NEREDFDSTSSSSSTPPLQPRDSASPSTSSFCLGVSVAASSHVPIQKRLRFEDTLEFVGFDAKMAEESS  
SSSSSPTAATSQQQLKNKSILISSVASVHHANGLAKSSTTVSSFANSKPGSAKLVKFNKDKPKLPE  
NYTDETWQKLKEAVEAIQNSTSIKYNLEELYQAVENLCSYKISANLYKQLRQICEDHIKAQIHQFREDSL  
DSVLFLLKIDRCWQNHCRQMIMIRSIFLDRTYVLQNSMLPSIWDMGLELFRHHISDQKVNKTIDGI  
LLIERERNGEADRSLRSLLSMLSDLQIQDSFEQRFLFETNRLYAAEGQKLMQEREVPEYLHHVNR  
LEEEADRLITYLDQTTQKSLIATVEKQLLGEHLTAILQKGLNLLDENRIQDLSLLYQLFSRVRGGVQL  
LQQWIEYIKAFGSTIVINPEKDKTMVQELLDKDKVDHIIDICFLKNEKFINAMKEAFETFINKRPNKPA  
ELIAKYVDSKLRAGNKEATDEELEKMLDKIMIIFRFIYGKDVFEAFYKDLAKRLLVVGKSASVDAEKSML  
SKLKHECGAAFTSKLEGMFKDMELSKDIMIQFKQYMQNQNPVGNIELTVNILTMGYWPTYVPMVHLPPE  
MVKLQEIFKTFYLGKHSRKLQWQSTIGHCVLKAEFKEGKELQVSLFQTLVLLMFNEGEEFSLEEIKQA  
TGIEDGELRRTLQSLACGKARVLAKNPKGKDIEDGDKFICNDDFKHKLFRINQIQMKETVEEQASTE  
RVFQDRQYQIDAAIVRIMKMRKTLSHNLLVSEVYNQLKFPVKPADLKKRIESLIDRDYMERDKENPNQYN  
YIA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

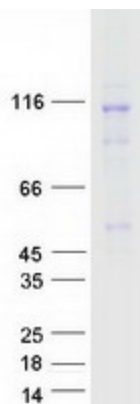
Tag:	C-Myc/DDK
Predicted MW:	103.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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