

Recombinant Human CUL4B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CUL4B-4207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CUL4B MS Standard C13 and N15-labeled recombinant protein (NP_003579) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	104 kDa
AA Sequence	MMSQSSGSGDGNDDEATTSKDGGFSSPSPSAAAAAQEVRSATDGNTSTTPPTSAK KRKLNSSSSSSSSNSSNEREDFDSTSSSSSTPPLQPRDSASPSTSSFCLGVSVAAASS HVPIQKKLRFEDTLEFVGFDKMAEESSSSSSSSSSPTAATSQQQQLKNKSILISSVAS VHHANGLAKSSTTVSSFANSKPGSAKKLVKNFKDKPKLPENYTDETWQKLKEAVEA IQNSTSIKYNLEELYQAVENLCSYKISANLYKQLRQICEDHIKAQIHQFREDSLDSVLFL KKIDRCWQNHCRQMIMIRSIFLFLDRITYVLQNSMLPSIWDMGLELFRAHIISDQKVQN KTIDGILLIERERNGEAIDRSLLRSLLSMLSDLQIYQDSFEQRFLEETNRLYAAEGQK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LMQEREVPEYLHHVKNRLEEEADRLITYLDQTTQKS LIATVEKQLLGEHLTAILQKGL
 NNLLDENRIQDLSLLYQLFSRVRGGVQVLLQQWIEYIKAFGSTIVINPEKDKTMVQEL
 LDFKDKVDHIIDICFLKNEKFINAMKEAFETFINKRPNKPAELIAKYVDSKLRAGNKEAT
 DEELEKMLDKIMIIFRFIYGKDVFEAFYKKDLAKRLLVGKSASVDAEKSMLSCLKHEC
 GAAFTSKLEGMFKDMELSKDIMIQFKQYMQNQNVPGNIELTVNILTMGYWPTYVPM
 EVHLPPEMVKLQEIFKTFYLGKHSGRKLQWQSTIGHCVLKAEFKEGKKELQVSLFQT
 LVLLMFNEGEEFSLEEIKQATGIEDGELRRTLQSLACGKARVLAKNPKGKDIEDGDKF
 ICNDDFKHKLFRIKINQIQMKETVEEQASTTERVFQDRQYQIDAAIVRIMKMRKTLSHN
 LLVSEVYNQLKFPVKPADLKKRIESLIDRDYMERDKENPNQYNYIATRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CUL4B cullin 4B [Homo sapiens (human)]

Official Symbol CUL4B

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID	8450
mRNA Refseq	NM_003588
Protein Refseq	NP_003579
MIM	300304
UniProt ID	Q13620
SDS-PAGE	