

Recombinant Human CUL4B protein, MYC/DDK-tagged

Cat. No. CUL4B-173H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CUL4B, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	103.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CUL4B cullin 4B [Homo sapiens]
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Official Symbol	CUL4B
Synonyms	CUL4B; cullin 4B; cullin-4B; CUL-4B; SFM2; MRXSC; MRXHF2; MRXS15; KIAA0695; DKFZp686F1470;
Gene ID	8450
mRNA Refseq	NM_003588
Protein Refseq	NP_003579
MIM	300304
UniProt ID	Q13620
Chromosome Location	Xq23
Pathway	Cul4-DDB1-CSA complex, organism-specific biosystem; Cul4-DDB1-DDB2 complex, organism-specific biosystem; Nucleotide excision repair, organism-specific biosystem; Nucleotide excision repair, conserved biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;
Function	protein binding; ubiquitin protein ligase binding;