

Recombinant Full Length Human CUL4A Protein, C-Flag-tagged

Cat. No. CUL4A-1687HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CUL4A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	76.6 kDa
AA Sequence	MADEAPRKGSFSALVGRTNGLTKPAALAAAPAKPGGAGGSKKLVIKNFRDRPRLPD NYTQDTWRKLHEAV RAVQSSTSIRYNLEELYQAVENLCSHKVSPMLYKQLRQACE DHVQAQILPFREDSLDSVLFLKKINTCWQ DHCRQMIMIRSIFLFLDRTYVLQNSTLPSI WDMGLELFRTHIISDKMVQSKTIDGILLIERERSGEAVD RSLLRSLGMLSDLQVYK DSFELKFLEETNCLYAAEGQRLMQEREVPEYLNHVSKRLEEEGDRVITYLDH STQK PLIACVEKQLLGEHLTAILQKGLDHLLDENRVPDLAQMYQLFSRVRGGQQALLQHW SEYIKTFGTA IVINPEKDKDMVQDLLDFDKVDHVIEVCFQKNERFVNLMKESFETFI NKRPNKPaelIAKHVDSKLRAG NKEATDEELERTLDKIMILFRFIHGKDVFEAFYKKD LAKRLLVGKSASVDAEKSMLSKLKHECGAAFTSK LEGMFKDMELSKDIMVHFKQHM QNQSDSGPIDLTVNILTMGYWPTYTPMEVHLTPEMIKLQEVFKAFYLG KHSGRKLQ

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WQTTLGHAVLKAEFKEGKKEFQVSLFQTLVLLMFNEGDGFSFEEIKMATGIEDSEL
 RTLQS LACGKARVLIKSPKGKEVEDGDKFIFNGEFKHKLFRIKINQIQMKETVEEQVS
 TTERVFQDRQYQIDAAI
 VRIMKMRKTLGHNLLVSELYNQLKFPVKPGDLKKRIESLIDRDYMERDKDNPQNQYHY
 VATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Nucleotide excision repair, Ubiquitin mediated proteolysis
Full Length	Full L.

GENE INFORMATION

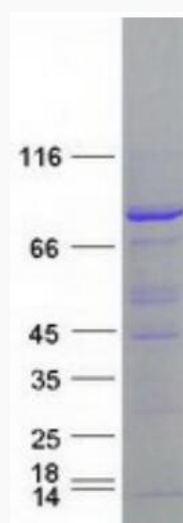
Gene Name	CUL4A cullin 4A [Homo sapiens (human)]
Official Symbol	CUL4A
Synonyms	cullin 4A; OTTHUMP00000018753; OTTHUMP00000018754
Gene ID	8451

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mRNA Refseq	NM_003589.4
Protein Refseq	NP_003580.1
MIM	603137
UniProt ID	Q13619



Coomassie blue staining of purified CUL4A protein.