

Product datasheet for **TP303463L**

CUL4A (NM_003589) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens cullin 4A (CUL4A), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203463 protein sequence Red =Cloning site Green =Tags(s)

MADEAPRKGFSFALSALVGRNGLTKPAALAAAPAKPGGAGGSKKLVIKNFRDRPRLPDNYTQDTWRKLHEAV
RAVQSSTSIRYNLEELYQAVENLC SHKVPMLYKQLRQACEDHVQAQILPFREDSLDVFLK KINTCWQ
DHCRQMIMIRSIFLFLDRTYVLQNSTLPSIWDMLGELFRTHIISDKMVQSKTIDGILLIERERSGEAVD
RSLLRSLGMLSDLQVYKDSFELK FLEETNCLYAAEQRLMQEREVPEYLNHVSKRLEEEGDRVITYLDH
STQKPLIACVEKQLLGEHLTAILQKGLDHLLDENRVPDLAQMYQLFSRVRGGQQALLQHWSEYIKTFGTA
IVINPEKDKDMVQDLLDFKDKVDHVIEVCFQKNERFVNLMKESFETFINKRPNKPAELIAKHVDSKLRAG
NKEATDEELERTLDKIMILFRFIHGKDVFEAFYKDKLAKRLLVGKSASVDAEKSMLS KKHCEGAAFTSK
LEGMFKDMELSKDIMVHFKQHMNQSDSGPIDLTVNILTMGYWPTYTPMEVHLTPMIKLQEVFKAFYLG
KHSGRKLQWQTTLGHAVLKAEFKEGKKEFQVSLFQTLVLLMFNEGDGFSFEEIKMATGIEDSELRRTLQS
LACGKARVLIKSPKGKEVEDGDKFIFNGEFKHKLFRIKINQIQMKETVEEQVSTTERVVFQDRQYQIDAAI
VRIMKMRKTLGHNLLVSELYNQLKFPVKPGDLKKRIESLIDRDYMERDKDNPNQYHYVA

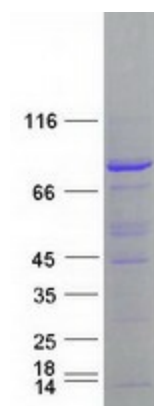
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	76.6 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.
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.



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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:	<u>NP_003580</u>
Locus ID:	8451
UniProt ID:	<u>Q13619</u>
RefSeq Size:	3735
Cytogenetics:	13q34
RefSeq ORF:	2280
Summary:	CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins (Liu et al., 2009 [PubMed 19481525]).[supplied by OMIM, Oct 2009]
Protein Pathways:	Nucleotide excision repair, Ubiquitin mediated proteolysis

Product images:

Coomassie blue staining of purified CUL4A protein (Cat# [TP303463]). The protein was produced from HEK293T cells transfected with CUL4A cDNA clone (Cat# [RC203463]) using MegaTran 2.0 (Cat# [TT210002]).