

Product datasheet for PH303463

CUL4A (NM_003589) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CUL4A MS Standard C13 and N15-labeled recombinant protein (NP_003580)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203463
Predicted MW:	87.7 kDa
Protein Sequence:	>RC203463 protein sequence Red=Cloning site Green=Tags(s)

MADEAPRKGFSFALVGRNGLTKPAALAAPAKPGGAGGSKLVIKNFRDRPRLPDNYTQDTRWKLHEAV
RAVQSSTSIRYNLEELYQAVENLCSHKVSPMLYKQLRQACEDHVQAQILPFREDSLDSVLFKKINTCWQ
DHCRCQMIMIRSIIFLDRTYVLQNSTLPSIWDMLGELFRTHIISDKMVQSKTIDGILLIERERSGEAVD
RSLRLSLLGMLSDLQVYKDSFELKFLEETNCLYAAEQRLMQEREVPEYLNHVSKRLEEEGDRVITYLDH
STQKPLIACVEKQLLGEHLTAILQKGLDHLLENRVPDLAQMYQLFSRVGGQALLQHWISEYIKTFGTA
IVINPEKDKDMVQDLLDFKDKVDHVIEVCFQKNERFVNLKESFETFINKRPNKPAELIAKHVDSKLRAG
NKEATDEELERTLDKIMILFRF IHGKDVFEAFYKKDLAKRLLVGKSASVDAEKSM LSKLKHECGAAFTSK
LEGMFKDMELSKDIMVHFQHMNQSDSGPIDLTVNILTMYGWPYTPMEVHLTPEMIKLQEVFKAFYLG
KHSGRKLQWQTTLGHAVLKAEFKEGKEFQVSLFQTLVLLMFNEGDGFSFEEIKMATGIEDSELRRTLQS
LACGKARVLIKSPKGEVEDGDKFIFNGEFKHKLFRIKINQIQMKETVEEQVSTTERVFQDRQYQIDAAI
VRIMKMRKTLGHNLLVSELYNQLKFPVKPGDLKKRIESLIDRDYMERDKDNPNQYHYVA

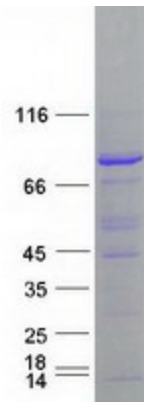
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003580



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RefSeq Size:	3735
RefSeq ORF:	2280
Locus ID:	8451
UniProt ID:	Q13619
Cytogenetics:	13q34
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]).