

Recombinant Human CUL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CUL2-906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CUL2 MS Standard C13 and N15-labeled recombinant protein (NP_003582) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CUL2 (Cullin 2) is a Protein Coding gene. Diseases associated with CUL2 include Von Hippel-Lindau Syndrome and Hypoxia. Among its related pathways are HIF1Alpha Pathway and ErbB signaling pathway. Gene Ontology (GO) annotations related to this gene include ubiquitin protein ligase binding. An important paralog of this gene is CUL1.
Molecular Mass	87 kDa
AA Sequence	MSLKPRVVDFDETWNKLLTTIKAVVMLEYVERATWNDRFSDIYALCVAYPEPLGERL YTETKIFLENHVRHLHKRVLESEEQVLVMYHRYWEEYSKGADYMDCLYRYLNTQFIK KNKLTEADLQYGYGGVDMNEPLMEIGELALDMWRKLMVEPLQAILIRMLLREIKNDR GGEDPNQKVIHGVINSFVHVEQYKKKFPLKFYQEIFESPFLTETGEYYKQEASNLLQE SNCSQYMEKVLGRLKDEEIRCRKYLHPSSYTKVIHECQQRMVADHLQFLHAECHNII RQEKKNDMANMYVLLRAVSTGLPHMIQELQNHIHDEGLRATSNLTQENMPTLFVES VLEVHGKFKVQLINTVLNGDQHFMSSALDKALTSVVNYREPKSVCKAPELLAKYCDNLL KKSAGMTENEVEDRLTSFITVFKYIDDKDVFQKFYARMLAKRLIHGLSMSMDSEEA

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MINKLKQACGYEFTSKLHRMYTDM SVSADLNNKFNNFIKNQDTVIDLGISFQIYVLQA
 GAWPLTQAPSSTFAIPQELEKSVQMFELFYSQHFSGRKLTWLHLYLCTGEVKMNYLG
 KPYVAMVTTYQMAVLLAFNNSETVSYKELQDSTQMNEKELTKTIKSLLDVKMINHDS
 EKEDIDAESSFSLNMNFSSKRTKFKITTSMQKDTPQEMEQRSAVDEDRKMYLQAAI
 VRIMKARKVLRHNALIQEVISQSRARFNPSISMIKKCIEVLIDKQYIERSQASADEYSYV
 ATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	CUL2 cullin 2 [Homo sapiens (human)]
Official Symbol	CUL2
Synonyms	CUL2; cullin 2; cullin-2; CUL-2; MGC131970;
Gene ID	8453
mRNA Refseq	NM_003591
Protein Refseq	NP_003582

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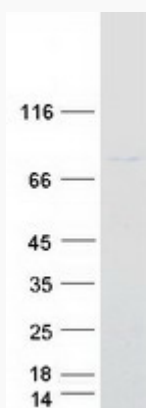
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MIM 603135

UniProt ID Q13617

SDS-PAGE



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