

Recombinant Full Length Human CUL2 Protein, GST-tagged

Cat. No. CUL2-2397HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CUL2 full-length ORF (NP_003582.2, 1 a.a. - 745 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	745 amino acids
Description	CUL2 (Cullin 2) is a Protein Coding gene. Diseases associated with CUL2 include Renal Cell Carcinoma and Kidney Cancer. Among its related pathways are CDK-mediated phosphorylation and removal of Cdc6 and Innate Immune System. GO annotations related to this gene include ubiquitin protein ligase binding and protein complex binding. An important paralog of this gene is CUL1.
Molecular Mass	113.4 kDa
AA Sequence	MSLKPRVVDDETWNKLLTTIKAVVMLEYVERATWNDRFSDIYALCVAYPEPLGERL YTETKIFLENHVRHLHKRVLESEEQVLVMYHRYWEEYSKGADYMDCLYRYLNTQFIK KNKLTEADLQYGYGGVDMNEPLMEIGELALDMWRKLMVEPLQAILRMLLREIKNDR GGEDPNQKVIHGVINSFVHVEQYKKKFKPLKFYQEIFESPFLTETGEYYKQEASNLLQE SNCSQYMEKVLGRLKDEEIRCRKYLHPSSYTKVIHECQQRMVADHLQFLHAECHNII RQEKKNDMANMYVLLRAVSTGLPHMIQELQNHIIHDEGLRATSNLTQENMPTLFVES VLEVHGKQVQLINTVLNGDQHFMSALDKALTSVVNYREP KSVCKAPELLAKYCDNLL KKSAGGMTENEVEDRLTSFITVFKYIDDKDVFQKFYARMLAKRLIHGLSMSMDSEEA

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MINKLKQACGYEFTSKLHRMYTDM SVSADLNNKFNNFIKNQDTVIDLGISFQIYVLQA
 GAWPLTQAPSSTFAIPQELEKSVQMFELFYSQHFSGRKLTWLHYLCTGEVKMNYLG
 KPYVAMVTTYQMAVLLAFNNSETVSYKELQDSTQMNEKELTKTIKSLLDVKMINHDS
 EKEDIDAESSFSLNMFSSKRTKFKITTSMQKDTPQEMEQTRSAVDEDRKMYLQAAI
 VRIMKARKVLRHNALIQEVISQSRARFNPSISMIKKCIEVLIDKQYIERSQASADEYSYV
 A

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CUL2 cullin 2 [Homo sapiens]

Official Symbol

CUL2

Synonyms

CUL2; cullin 2; cullin-2; CUL-2; MGC131970;

Gene ID

8453

mRNA Refseq

NM_001198777

Protein Refseq

NP_001185706

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MIM	603135
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UniProt ID	Q13617
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