

Recombinant Full Length Human CUL1 Protein, GST-tagged

Cat. No. CUL1-2394HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CUL1 full-length ORF (NP_003583.2, 1 a.a. - 776 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	776 amino acids
Description	CUL1 (Cullin 1) is a Protein Coding gene. Diseases associated with CUL1 include Xeroderma Pigmentosum Group E and Parkinson Disease 15, Autosomal Recessive. Among its related pathways are IL-1 signaling pathway and Notch signaling pathway (KEGG). GO annotations related to this gene include ubiquitin protein ligase binding. An important paralog of this gene is CUL2.
Molecular Mass	116.1 kDa
AA Sequence	MSSTRSQNP HGLKQIGLDQIWDDL RAGIQQVYTRQSM AKSRYMELYTHVYNYCTSV HQS NQARGAGVPPSKSKKGQTPGGAQFVGLELYKRLKEFLKNYLTNLLKDGEDLM DESVLKFYTQQWEDYRFSSKVLNGICAYLNRHWVRRECDEGRKGIYEIYSLALVTW RDCLFRPLNKQVTNAVLKLIKERNGETINTRLISGVVQSYVELGLNEDDAFAKGPTL TVYKESFESQFLADTERFYTRETEFLQQNPVTEYMKKAEARLLEEQR RVQVYLHE STQDELARKCEQVLIEKHLEIFHTEFQNL LDADKNEDLGRMYNLVSRIQDGLGELKKL LETHIHNQGLAAIEKCGEALNDPKMYVQTVLDVHKKYNALVMSAFNNDAGFVAALD KACGRFINNNAVTKMAQSSSKSPELLARYCDSLLKKSSKNPEEAELEDTLNQVMVVF

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KYIEDKDVFKFYAKMLAKRLVHQNSASDDAEASMISKLKQACGFEYTSKLQRMFQ
 DIGVSKDLNEQFKKHLTNSEPLDLDFSIQVLSSGSWPFQQSCTFALPSELSYQRF
 TAFYASRHSRKLTLWLYQLSKGELVTNCFKNRYTLQASTFQMAILLYNTEDAYTVQ
 QLT DSTQIKMDILAQVLQILLKSKLLVLEDENANVDEVELKPDTLIKLYLGYKNKKLRV
 NINVPMKTEQKQEQTTHKNIEEDRKLLIQAAIVRIMKMRKVLKHQQLLGEVLTQLSS
 RFKPRVPVIKKCIDILIEKEYLERVDGEKDTYSYLA

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

CUL1 cullin 1 [Homo sapiens]

Official Symbol

CUL1

Synonyms

CUL1; cullin 1; cullin-1; CUL-1; MGC149834; MGC149835;

Gene ID

8454

mRNA Refseq

NM_003592

Protein Refseq

NP_003583

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MIM	603134
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UniProt ID	Q13616
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