

# Recombinant Full Length Human CUL1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human CUL1 full-length ORF ( NP_003583.2, 1 a.a. - 776 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	776 amino acids
<b>Description</b>	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.
<b>Molecular Mass</b>	116.1 kDa
<b>AA Sequence</b>	MSSTRSQNP HGLKQIGLDQIWDDL RAGIQQVYTRQ SMAKSR YME LYTHVYNYCTSV HQS NQARGAGVPPSKSKKGQTPGGAQFV GLELYKRLKEFLK NYLTNLLKDGEDLM DESVLKFY TQQWEDYRFSSKVLNGICAYLNRHWVRRECDEGRKGIYEIYSLALVTW RDCLFRPLNKQVTNAVLK LIEKERNGETINTRLISGVVQSYVELGLNEDDAFAKGPTL TVYKESFESQFLADTERFY TRESTEFLQQNPVTEYMKKAEARLLEEQR RVQVYLHE STQDELARKCEQV LIEKHLEIFHTEFQNL LDADKNE DLGRMYNLVSR IQDGLGELKKL LETHIHNQGLAAIEKCGEALNDPKMYVQTVLDVHKKYNALVMSAFNNDAGFVAALD KACGRFINNNAVTKMAQSSSKSPELLARYCDSLLKSSKNPEEAELEDTLNQM VVVF

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KYIEDKDVFQKFYAKMLAKRLVHQNSASDDAEASMISLKLKQACGFEYTSKLQRMFQ  
 DIGVSKDLNEQFKKHLTNSEPLDLDFSQIVLSSGSWPFQQSCTFALPSELERSYQRF  
 TAFYASRHSRKLTLWLYQLSKGELVTNCFKNRYTLQASTFQMAILLQYNTEDAYTVQ  
 QLT DSTQIKMDILAQVLQILLKSKLLVLEDENANVDEVELKPDTLIKLYLGYKNKKLRV  
 NINVPMKTEQKQEQTTHKNIEEDRKLIIQAAIVRIMKMRKVLKHQQLLGEVLTQLSS  
 RFKPRVPVIKKCIDILIEKEYLERVDGEKDTYSYLA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CUL1 cullin 1 [ Homo sapiens ]
<b>Official Symbol</b>	CUL1
<b>Synonyms</b>	CUL1; cullin 1; cullin-1; CUL-1; MGC149834; MGC149835;
<b>Gene ID</b>	8454
<b>mRNA Refseq</b>	NM_003592
<b>Protein Refseq</b>	NP_003583

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<b>MIM</b>	603134
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<b>UniProt ID</b>	Q13616
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