

Recombinant Human CUL2 Protein, His&GST-tagged

Cat. No. CUL2-1295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CUL2 Protein (Val511-Ala745) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val511-Ala745
Description	Enables ubiquitin protein ligase binding activity. Predicted to be involved in SCF-dependent proteasomal ubiquitin-dependent protein catabolic process and protein ubiquitination. Predicted to act upstream of or within protein catabolic process. Located in nucleoplasm. Part of Cul2-RING ubiquitin ligase complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.1 kDa Accurate Molecular Mass: 61 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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_001198777

Protein Refseq

NP_001185706

MIM

603135

UniProt ID

Q13617

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