

## Recombinant Human CRBN Protein, His&Avi tagged, Biotinylated

**Cat. No.** CRBN-657H    **Lot. No.** (See product label)

### SPECIFICATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Biotinylated recombinant Human CRBN Protein with His and Avi tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>       | 81-319 aa                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugation/Label</b>   | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>         | This gene encodes a protein related to the Lon protease protein family. In rodents and other mammals this gene product is found in the cytoplasm localized with a calcium channel membrane protein, and is thought to play a role in brain development. Mutations in this gene are associated with autosomal recessive nonsyndromic cognitive disability. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Labeling Efficiency</b> | 1.77 by HABA                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>      | 30 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AASequence</b>          | IPVLPQVMMILIPGQTLPLQLFHPQEVSVMVRNLIQKDRTFAVLAYSINVQEREAQFGTT<br>AEIYAYREEQDFGIEIVKVKAIGRQRFKVLELRTQSDGIQQAKVQILPECVLPSTMSAV                                                                                                                                                                                                                                                                                                                       |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

QLESLNKCQIFPSKPVSRDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAET  
 LMDRIKKQLREWDENLKDDSLPSNPIDFSYRVAACLPIDDLRIQLLKIGSAIQRLRCE  
 LDIMNKCTHHHHHHGLNDIFEAQKIEWHE

**Endotoxin** < 1 EU/μg by LAL

**Purity** > 85% by SDS-PAGE

**Storage** Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Sterile 50mM Tris, pH8.5, 0.1% SKL

**Concentration** 0.32 mg/mL by BCA

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** CRBN cereblon [ Homo sapiens (human) ]

**Official Symbol** CRBN

**Synonyms** CRBN; cereblon; mental retardation, non syndromic, autosomal recessive, 2A , MRT2A; protein cereblon; protein x 0001; MRT2; MRT2A; MGC27358; DKFZp781K0715;

**Gene ID** 51185

**mRNA Refseq** NM\_001173482

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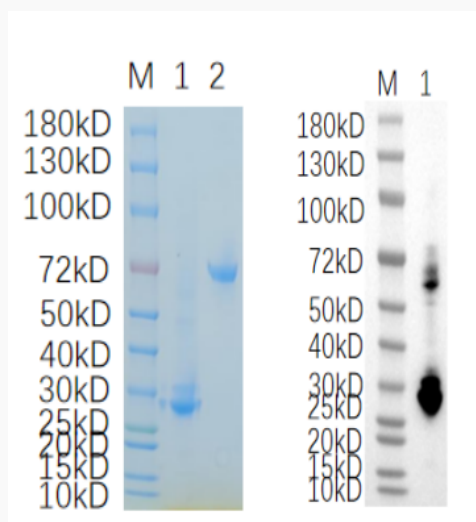
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**Protein Refseq** NP\_001166953

**MIM** 609262

**UniProt ID** Q96SW2

**SDS-PAGE and WB**



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified CRBN. 1. CRBN 2. BSA

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