

Recombinant Human CRBN Protein, His&Avi tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated recombinant Human CRBN Protein with His and Avi tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	81-319 aa
Conjugation/Label	Biotin
Description	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.
Labeling Efficiency	1.77 by HABA
Molecular Mass	30 kDa
AASequence	IPVLPQVMMILIPGQTLPLQLFHPQEVSVMVRNLIQKDRTFVAVLAYSINVQEREAQFGTT AEIYAYREEQDFGIEIVKVKAIGRQRFKVLELRTQSDGIQQAKVQILPECVLPSTMSAV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

QLESLNKQCQIFPSKPVSRDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAET
 LMDRIKKQLREWDENLKDDSLPSNPIDFSYRVAACLPIDDVLRIQLLKIGSAIQRLRCE
 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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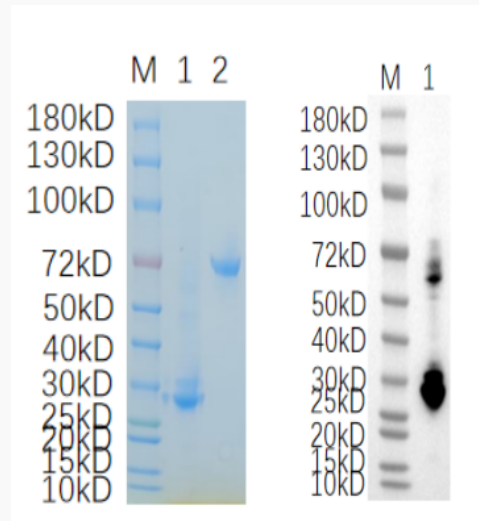
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Protein Refseq NP_001166953

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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