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	IPVLPQVMMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAVLAYSNVQEREAQFGTT AEIYAYREEQDFGIEIVKVKAIGRQRFKVLELRTQSDGIQQAKVQILPECVLPSTMSAV

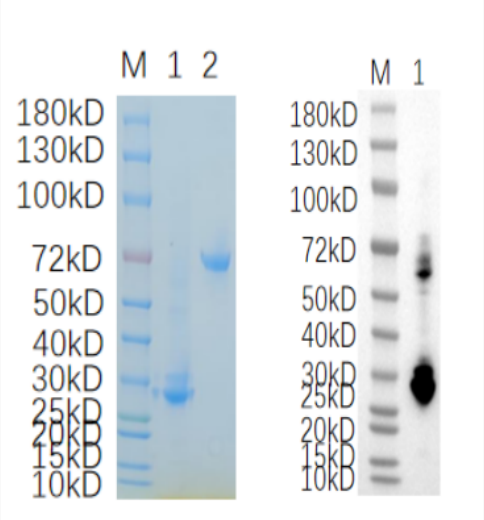
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	QLESLNKCQIFPSKPVSREDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQLREWDENLKDDSLPSNPIDFSYRVAACLPIDDVLRIQLLKIGSAIQRLRCELDIMNKCTHHHHHHGLNDIFEAQKIEWHE
Endotoxin	< 1 EU/μg by LAL
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -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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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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