Recombinant Full Length Human CRBN Protein, C-Flag-tagged

Cat. No. CRBN-798HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CRBN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.5 kDa
AA Sequence	MAGEGDQQDAAHNMGNHLPLLPAESEEEDEMEVEDQDSKEAKKPNIINFDTSLPTS HTYLGADMEEFHGR TLHDDDSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMVRN LIQKDRTFAVLAYSNVQEREAQFGTTAE IYAYREEQDFGIEIVKVKAIGRQRFKVLEL RTQSDGIQQAKVQILPECVLPSTMSAVQLESLNKCQIFPS KPVSREDQCSYKWWQK YQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQLREWDENLKDDSLPSNPIDF SY RVAACLPIDDVLRIQLLKIGSAIQRLRCELDIMNKCTSLCCKQCQETEITTKNEIFSLSL CGPMAAYV NPHGYVHETLTVYKACNLNLIGRPSTEHSWFPGYAWTVAQCKICASHI

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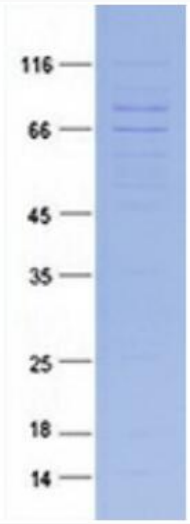
	GWKFTATKKDMSPQKFWGLTRS ALLPTIPDTEDEISPDKVILCLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Protease
Full Length	Full L.

GENE INFORMATION

Gene Name	CRBN cereblon [Homo sapiens (human)]
Official Symbol	CRBN
Synonyms	MRT2; MRT2A
Gene ID	51185
mRNA Refseq	NM_016302.4

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Protein Refseq	NP_057386.2
MIM	609262
UniProt ID	Q96SW2



Coomassie blue staining of purified CRBN protein.

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