

Recombinant Human CRBN protein, GST-tagged

Cat. No. CRBN-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRBN(1 a.a. - 442 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-442 a.a.
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 mental retardation. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	76.9 kDa
AA Sequence	MAGEGDQQDAAHNMGNHLPLLPAAESEEDEMEVEDQDSKEAKKPNIIINFDTSLPTS HTYLGADMEEFHGRTLHDD DSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMMVRN LIQKDRTFAYLAYSINVQEREAQFGTTAEIYAYREEQDF GIEIVKVKAIQRQRFKVLEL RTQSDGIQQAQKVQILPECVLPSTMSAVQLES LNKCQIFPSKPVSREDQCSYKWWQ K YQKRKFHCANLTSPRWLYSLYDAETLMDRIKKQLREW DENLKDDSLPSNPIDFSY

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RVAACLPIDDVLRIQLLK IGSAIQRLRCELDIMNKCTSLCCKQCQETEITTKNEIFSLSL
CGPMAAYVNPBGYVHETLTVYKACNLNLIGRPS TEHSWFPGYAWTVAQCKICASHI
GWKFTATKKDMSPPQKFWGLTRSALLPTIPDTEDEISPDKVILCL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

CRBN cereblon [Homo sapiens]

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_016302

Protein Refseq

NP_057386

MIM

609262

UniProt ID

Q96SW2

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Chromosome Location	3p26.3
Function	ATP-dependent peptidase activity; protein binding;