

Active Recombinant Human DDB1/CRBN Complex Protein

Cat. No. CRBN-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDB1/CRBN Complex Protein without tag was expressed in Spodoptera frugiperda, Sf 21 (baculovirus).
Species	Human
Source	Insect 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.
Bio-activity	Typical concentration to support in vitro applications will depend on experimental conditions.
Molecular Mass	127 kDa (DDB1), 51 kDa (CRBN)
Purity	>95% by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 36 months from date of receipt, -70 centigrade as supplied. 6 months, -20 to -70 centigrade under sterile conditions after opening.

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Storage Buffer	X mg/mL (X µM) in 50 mM HEPES pH 7.5, 200 mM NaCl, 10% (v/v), Glycerol, 1 mM DTT
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Shipping	The product is shipped with dry ice or equivalent.
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GENE INFORMATION

Gene Name	CRBN cereblon [Homo sapiens (human)]
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Official Symbol	CRBN
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Synonyms	CRBN; cereblon; MRT2; MRT2A; protein cereblon; protein x 0001
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Gene ID	51185
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mRNA Refseq	NM_016302
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Protein Refseq	NP_057386
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MIM	609262
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UniProt ID	Q96SW2
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