

Recombinant Human Cereblon/DDB1/Cul4A/Rbx1 Complex Protein, His-tagged

Cat. No. CRBN-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cereblon/DDB1/Cul4A/Rbx1 complex of human Cereblon (GenBank Accession No. NM_016302) a.a. 2-442(end) with N-terminal FLAG-tag, human DDB1 (GenBank Accession No. NM_001923), a.a. 1-1140(end) with N-terminal FLAG-tag, human Cul4A (GenBank Accession No. NM_003589), a.a. 2-759(end) with N-terminal His-tag, human Rbx1 (GenBank Accession No. NM_014248), a.a. 2-108(end) with N-terminal His-tag, co-expressed in a HEK293 expression system.
Species	Human
Source	HEK293
ProteinLength	2-442;1-1140;2-759;2-108 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 cognitive disability. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Aqueous buffer solution.
Molecular Mass	Cereblon: 51 kDa; DDB1: 128 kDa; Cul4a: 88 kDa; Rbx1: 13 kDa

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Applications	Useful for the study of protein degradation and PROTAC design, and selectivity profiling.
Storage	At least 6 months at –80 centigrade.
Storage Buffer	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20 and 20% Glycerol.
Warning	Avoid multiple freeze/thaw cycles.

GENE INFORMATION

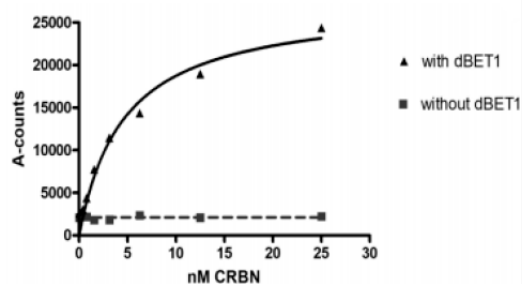
Gene Name	CRBN cereblon [Homo sapiens (human)]
Official Symbol	CRBN
Synonyms	CRBN; cereblon; MRT2; MRT2A; protein cereblon; protein x 0001
Gene ID	51185
mRNA Refseq	NM_016302
Protein Refseq	NP_057386
MIM	609262
UniProt ID	Q96SW2

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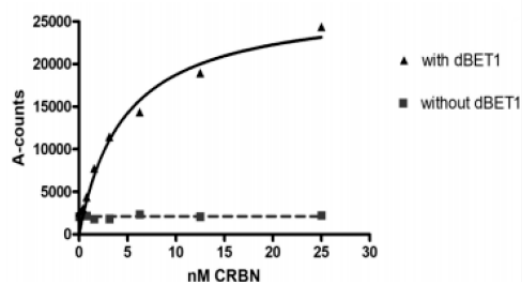
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Celebron – BRD3 Interaction



SDS-PAGE

Celebron – BRD3 Interaction



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