

Product datasheet for TP309794M

OriGene Technologies, Inc.

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CRBN (NM 016302) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human cereblon (CRBN), transcript variant 1, full length, with C-

terminal MYC/DDK tag, expressed in HEK293T cells, 100 µg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC209794 representing NM_016302 **or AA Sequence:** Red=Cloning site Green=Tags(s)

MAGEGDQQDAAHNMGNHLPLLPAESEEEDEMEVEDQDSKEAKKPNIINFDTSLPTSHTYLGADMEEFHGR TLHDDDSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAVLAYSNVQEREAQFGTTAE IYAYREEQDFGIEIVKVKAIGRQRFKVLELRTQSDGIQQAKVQILPECVLPSTMSAVQLESLNKCQIFPS KPVSREDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQLREWDENLKDDSLPSNPIDF SYRVAACLPIDDVLRIQLLKIGSAIQRLRCELDIMNKCTSLCCKQCQETEITTKNEIFSLSLCGPMAAYV NPHGYVHETLTVYKACNLNLIGRPSTEHSWFPGYAWTVAQCKICASHIGWKFTATKKDMSPQKFWGLTRS

ALLPTIPDTEDEISPDKVILCL

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: Myc-DDK
Predicted MW: 50.5 kDa

Concentration: >0.1 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 057386

Locus ID: 51185



CRBN (NM_016302) Human Recombinant Protein - TP309794M

UniProt ID: Q96SW2

RefSeq Size: 2596 Cytogenetics: 3p26.2 RefSeq ORF: 1326

Synonyms: MRT2; MRT2A

Summary: This gene encodes a protein related to the Lon protease protein family. In rodents and other

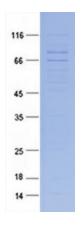
mammals this gene product is found in the cytoplasm localized with a calcium channel membrane protein, and is thought to play a role in brain development. Mutations in this gene

are associated with autosomal recessive nonsyndromic cognitive disability. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar

2010]

Protein Families: Protease

Product images:



Coomassie blue staining of purified CRBN protein (Cat# [TP309794]). The protein was produced from HEK293T cells transfected with CRBN cDNA clone (Cat# [RC209794]) using MegaTran 2.0 (Cat# [TT210002]).