

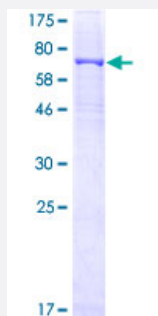
Full-Length

CRBN (Human) Recombinant Protein (P01)

Catalog # H00051185-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CRBN full-length ORF (NP_057386.2, 1 a.a. - 442 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGEGDQQDAAHNMGHLPLLPAESEEDEMEVEDQDSKEAKKPNINFDTSLPTSHTYLGADM
EEFHGRTLHDDSDSCQVIPVLPQVMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAVLAYSNVQE
REAQFGTTAEIYAYREEQDFGIEVKVKAIGRQRFKVLRLTQSDGIQQAQVQILPECVLPSTMSAV
QLESLNKCQIFPSKPVSRDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQL
REWDENLKDDSLPSNPIDFSYRVAACLPIDVLRQLLKIGSAIQLRCELDIMNKCTSLCCKQCQE
TEITTKNEIFSLSLCGPMAAYVNPBGYVHETLTVYKACNLNLIGRPSTEHSWFPGYAWTVAQCKICA
SHIGWKFTATKKDMSPQKFWGLTRSALLPTIPDTEDEISPDKVLCL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.9

Interspecies Antigen Sequence

Mouse (94); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CRBN

Entrez GeneID	51185
GeneBank Accession#	NM_016302.2
Protein Accession#	NP_057386.2
Gene Name	CRBN
Gene Alias	DKFZp781K0715, MGC27358, MRT2A
Gene Description	cereblon
Omim ID	607417 609262
Gene Ontology	Hyperlink
Gene Summary	non-syndromic
Other Designations	mental retardation, non-syndromic, autosomal recessive, 2A protein x 0001

Publication Reference

- [Orally bioavailable BTK PROTAC active against wild-type and C481 mutant BTKs in human lymphoma CDX mouse models.](#)

Ye Seul Lim, Sun-Mi Yoo, Vineet Patil, Han Wool Kim, Hyun-Hwi Kim, Beomseon Suh, Ji Youn Park, Na-rae Jeong, Chi Hoon Park, Je Ho Ryu, Byung-Hoon Lee, Pilho Kim, Song Hee Lee.

Blood Advances 2022 Oct; bloodadvances.2022008121..

Application: Func, Recombinant proteins

- [Identification of salt-inducible kinase 3 as a novel tumor antigen associated with tumorigenesis of ovarian cancer.](#)

Charoenfuprasert S, Yang YY, Lee YC, Chao KC, Chu PY, Lai CR, Hsu KF, Chang KC, Chen YC, Chen LT, Chang JY, Leu SJ, Shih NY.

Oncogene 2011 Aug; 30(33):3570.

Application: WB-Re, As a positive control, Recombinant protein