

Recombinant Cereblon (CRBN)

Instruction Manual

SIPG536Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus, Cytoplasm
Predicted Molecular Mass	54.2kDa
Accurate Molecular Mass	54kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Leu442 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MAGEGDQQDA AHNMGNHLPL LPAESEEDE MEVEDQDSKE AKKPNIIINF  
TSLPTSHTYL GADMEEFHGR TLHDDSDSCV IPVLPQVMMI LIPGQTLPLQ  
LFHPQEVSMV RNLIQKDRTF AVLAYSNVQE REAQFGTTAE IYAYREEQDF  
GIEIVKVKAI GRQRFKVLEL RTQSDGIQQA KVQILPECVL PSTMSAVQLE  
SLNKCQIFPS KPVSRDQCS YKWWQKYQKR KFHCANLTSW PRWLYSLYDA  
ETLMDRIKKQ LREWDENLKD DSLPSNPIDF SYRVAACLPI DDVLRIQLLK  
IGSAIQLRRC ELDIMNKCTS LCCKQCQETE ITTKNEIFSL SLCGPMAAYV  
NPHGYVHETL TVYKACNLNL IGRPSTESHW FPGYAWTVAQ CKICASHIGW  
KFTATKKDMS PQKFWGLTRS ALLPTIPDTE DEISPDKVIL CL
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.25 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.