

## Recombinant Mouse IL-12RB2 Protein

Catalog #	Source	Reactivity	Applications
CRP2989	Human cells	Mouse	E, WB, SDS-PAGE, MS

**Description** Recombinant Mouse IL-12RB2 Protein is produced by mammalian expression system and the target gene encoding Met1-Asn637 is expressed with a Fc tag at the C-terminus.

**Form** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Gene Symbol** IL12RB2

**Alternative Names** Interleukin-12 receptor subunit beta-2; IL-12 receptor subunit beta-2; IL-12R subunit beta-2; IL-12R-beta-2; IL-12RB2

**Entrez Gene** 16162 (Mouse)

**SwissProt** P97378 (Mouse)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** MAQTVRECSL ALLFLFMWLL IKANIDVCKL GTVTVQPAPV IPLGSAANIS CSLNPKQGCS  
 HYPSSNELIL LKFVNDVLVE NLHGKKVHDH TGHSTFQVT NLSLGMTLFV CKLNCSNSQK  
 KPPVPVCGVE ISVGVAPPEP QNISCVQEGE NGTVACSWNS GKVTYLKTNY TLQLSGPNNL  
 TCQKQCFSDN RQNCNRLDLG INLSPDLAES RFIVRVTAI DLGNSSSLPH TTFFLDIVIP  
 LPPWDIRINF LNASGSRGTL QWEDEGQVVL NQLRYQPLNS TSWNMVNATN  
 AKGKYDLRDL RPFTEYEFQI SSKLHLSGG SWSNWSESLRT RTPPEEPVGI LDIWYMKQDI  
 DYDRQQISLF WKSLNPSEAR GKILHYQVTL QEVTKKTTLQ NTTRHTSWTR VIPRTGAWTA  
 SVSAANSKGA SAPTHINIVD LCGTGLLAPH QVSAKSENMD NILVTWQPPK KADSAVREYI  
 VEWRALQPGS ITKFPPHWLR IPPDNMSALI SENIKPYICY EIRVHALSES QGGCSSIRGD  
 SKHKAPVSGP HITAITEKKE RLFISWTHIP FPEQRGCILH YRIYWKERDS TAQPELCEIQ  
 YRRSQNSHPI SSLQPRVTYV LWMTAVTAAG ESPQGNREF CPQGKANVDD IEGRMDEPKS

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV  
DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA  
KGQPREPQVY TLPPSREEMT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTTPVLD  
SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGK

## Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

## Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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