

Recombinant Human IL12RB1 Protein

Catalog #	Source	Reactivity	Applications
CRP1738	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human IL12RB1 Protein is produced by our mammalian expression system and the target gene encoding Cys24-Glu540 is expressed with a Fc tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	IL12RB1		
Alternative Names	IL12R; IL12RB; Interleukin-12 receptor subunit beta-1; IL-12 receptor subunit beta-1; IL-12R subunit beta-1; IL-12R-beta-1; IL-12RB1; IL-12 receptor beta component; CD212		
Entrez Gene	3594 (Human)		
SwissProt	P42701 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>CRTSECCFQD PPYPDADSGS ASGPRDLRCY RISSDRYECS WQYEGPTAGV SHFLRCLLSS GRCCYFAAGS ATRLQFSDQA GVSVLYTVTL WVESWARNQT EKSPEVTLQL YNSVKYEPPL GDKVSKLAG QLRMEWETPD NQVGAEVQFR H RTPSSPWKL GDCGPQDDDT ESCLCPLMN VAQEFQLRRR QLGSQGSSWS KWSSPVCVPP ENPPQPQVRF SVEQLGQDGR RRLTLKEQPT QLELPEGCQG LAPGTEVTYR LQLHMLSCPC KAKATRTLHL GKMPYLSGAA YNVAVISSNQ FGPGLNQTWH IPADTHTEPV ALNISVGTNG TTMYWPARAQ SMTYCIWQP VGQDGLATC SLTAPQDPDP AGMATYSWSR ESGAMGQEK YITIFASAH PEKLTWSTV LSTYHFGGNA SAAGTPHHVS VKNHSLDSVS VDWAPLLST CPGVLKEYVV RCRDEDSKQV SEHPVQPTET QVTL SGLRAG VAYTVQVRAD TAWLRGVWSQ PQRFSIEVDD IEGRMDEPKS CDKTHTCPPC PAPELLGGPS VLFPPKPKD</p>		

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

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 1X PBS. 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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