

Recombinant Human IL12RB2 Protein

Catalog #	Source	Reactivity	Applications
CRP1739	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human IL12RB2 Protein is produced by our mammalian expression system and the target gene encoding Cys28-Asn622 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	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	3595 (Human)
SwissProt	Q99665 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	CKRGDVTVKP SHVILLGSTV NITCSLKPRQ GCFHYSRRNK LILYKFDRII NFHHGHSLNS QVTGLPLGTT LRVCKLACIN SDEIQICGAE IFVGVAPPEQP QNLSCIQKGE QGTVACTWER GRDTHLYTEY TLQLSGPKNL TWQKQCKDIY CDYLDGFINL TPESPESNFT AKVTAVNSLG SSSSLPSTFT FLDIVRPLPP WDIRIKFQKA SVSRCTLYWR DEGLVLLNRL RYRPSNSRLW NMVNVTKAKG RHDLLDLKPF TEYEFQISSK LHLYKGSWSD WSESLRAQTP EEEPTGMLDV WYMKRHIDYS RQQLSLFWKN LSVSEARGKI LHYQVTLQEL TGGKAMTQNI TGHTSWTTVI PRTGNWAVAV SAANSKGSSL PTRINIMNLC EAGLLAPRQV SANSEGMDNI LVTWQPPRKD PSAVQEYVVE WRELHPGGDT QVPLNWLSR PYNVSALISE NIKSYICYEI RYVALSGDQG GCSSILGNSK HKAPLSGPHI NAITEEKCSI LISWNSIPVQ EQMGCLLHYR IYWKERDSNS QPQLCEIPYR VSQNSHPINS LQPRVTYVLW MTALTAAGES SHGNEREFCL QGKANVDDIE GRMDEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP

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

EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP
IEKTISKAKG QPREPQVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESN GQPENNY
KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGK

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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