

Recombinant Human IL12A/IL12B Protein

Catalog #	Source	Reactivity	Applications
CRP1736	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human IL12A/IL12B Protein is produced by our mammalian expression system and the target gene encoding Arg23-Ser219&Ile23-Ser328 is expressed.

Form Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.

Gene Symbol IL12A; IL12B

Alternative Names NKSF1; NKSF2; Interleukin-12 subunit alpha; IL-12A; Cytotoxic lymphocyte maturation factor 35 kDa subunit; CLMF p35; IL-12 subunit p35; NK cell stimulatory factor chain 1; NKSF1; Interleukin-12 subunit beta; IL-12B; Cytotoxic lymphocyte maturation factor

Entrez Gene 3592; 3593 (Human)

SwissProt P29459; P29460 (Human)

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

Chemical Structure RNLVPATPDP GMFPC LHHSQ NLLRAVSNML QKARQTLEFY PCTSEEIDHE DITKDKTSTV
 EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIYEDLK MYQVEFKTMN
 AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF
 RIRAVTIDRV MSYLNAS&IW ELKKDVYVVE LDWYPDAPGE MVVLTCDTPE EDGITWTLDQ
 SSEVLGSGKT LTIQVKEFGD AGQYTCHKGG EVLSHSLLLL HKKEDGIWST DILKDQKEPK
 NKTFLRCEAK NYSGRFTCWW LTTISTDLTF SVKSSRGSSD PQGVT CGAAT LSAERVRGDN
 KEYEYSVECQ EDSACPA AEE SLPIEVMVDA VHKLKYENYT SFFIRDIK PDPPKNLQLK
 PLKNSRQVEV SWEYPDTWST PHSYFSLTFC VQVQGKSKRE KKDRVFTDKT SATVICR KNA
 SISVRAQDRY YSSSWSEWAS VPCS

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

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

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.

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com