

Datasheet for ABIN1112288

IL12 Protein



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Overview

Quantity:	10 µg
Target:	IL12
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

Product Details

Sequence:	p35 Subunit: RNLPVATPDP GMFPC LHHSQ NLLRAVS NML QKARQTLEFY PCTSEEIDHE DITKDKTSTV EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNM LAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNASp40 Subunit: IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSL LLHKKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRG SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSACPAA EESLPIEVMV DAVHKLYENY TSSFFIRDII KPDPPKNLQL KPLKNSRQVE VSWEYPTWS TPHSYFSLTF CVQVQGKSKR EKKDRVFTDK TSATVICRKN ASISVRAQDR YYSSSWSEWA SVPCS.
No Cross-Reactivity:	Mouse (Murine), Monkey, Bacteria
Characteristics:	The ED50 was determined by the induction of IFN-gamma from NK cells co-stimulated with IL-18 is less or equal to 1.0 ng/ml, corresponding to a specific activity of greater than or equal to 1 x 10⁶ units/mg.

Product Details

Purity:	> 95 % as determined by SDS-PAGE analysis.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: 1.EU/µg determined by LAL method.

Target Details

Target:	IL12
Alternative Name:	IL-12 (IL12 Products)
Molecular Weight:	75 kDa.
Pathways:	JAK-STAT Signaling , TLR Signaling , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation , Cancer Immune Checkpoints , Inflammasome

Application Details

Comment:	Length: 503 AA
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	We recommended spin the vial shortly prior to opening to bring the contents to the bottom. Lyophilized hIL12 should be reconstituted in deionized water to 0,1-1 µg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at -20 °C. Further dilutions should be made in low endotoxin medium or buffered solution with FBS or tissue culture grade BSA.
Storage:	-20 °C