

Datasheet for ABIN2817004 **IL12A Protein**



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Overview

Quantity:	100 µg
Target:	IL12A
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	p35 Subunit: RNLPVATPDP GMFPC LHHSQ NLLRAVS NML QKARQTLEFY PCTSEEIDHE DITKDKTSTV EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIYEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNAS p40 Subunit: IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSL LLHKKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSACPAA EESLPIEVMV DAVHKLKYEN YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCS
Characteristics:	Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using PHA-activated human T lymphoblasts is less than 0.05 ng/mL, corresponding to a specific activity of $> 2.0 \times 10^7$ IU/mg.
Purity:	>95 % as determined by SDS-PAGE and HPLC.

Product Details

Sterility: 0.2 µm filtered

Target Details

Target: IL12A

Alternative Name: IL12A ([IL12A Products](#))

Background: Relevance: Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated Killer cells, and stimulate the production of IFN-gamma by resting PBMC.
Synonyms: IL-12A, CLMF p35, IL-12 subunit p35, NK cell stimulatory factor chain 1, NKSF1

Molecular Weight: 75 kDa

UniProt: [P29459](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C