

Recombinant human IL-12 protein (His tag) ab187480

1 图像

描述

产品名称	重组人IL-12蛋白(His tag)
生物活性	The activity is determined by the IFN-g ELISA in a using NK-92 cell. The ED50 for this effect is less than or equal to 0.03 ng/ml.
纯度	> 90 % SDS-PAGE. Affinity purified
内毒素水平	< 1.000 Eu/μg
表达系统	Baculovirus infected insect cells
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	58 kDa including tags
标签	His tag C-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab187480** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	ab187480 is a heterodimer of IL-12A (amino acids 23 - 219; UniProt P29459) and IL-12B (amino acids 23 - 328; UniProt P29460) linked through a disulfide-bond between cysteines. The molecular weight of IL-12A (p35) is 23.3 kDa (203aa). The molecular weight of IL-12B (p40) is 34.6 kDa (306aa). The heterodimeric IL-12 has a predicted molecular weight of 57.9kDa Molecular weight on SDS-PAGE will appear higher.

IL-12A (p35)

RNLPVATPDPGMFPCLHHSQNLLRAVSNMLQKARQTLEFYPTSEEIDHEDITKDKTSTVEAC
LPLELTKNESCLNSRETSFITNGSCLASRKTSFMMALCLSSYEDLKMYQVEFKTMNAKLLMDP
KRQIFLDQNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAVTIDRVMSY
LNASHHHHHH

IL-12B (p40)

WELKKDVYVVELDWYDPAPGEMVVLTCDTPEEDGITWLTLDQSSEVLGSGKTLTIQVKEFGDA
GQYTCHKGGEVLSHSLLLLHKKEDGMWSTDILKDQKEPKNKTFLRCEAKNYSGRFTCWWLTTIS
TDLTFSVKSSRGSSDPQGVTCGAATLSAERVRGDNKEYEYSVEQCEDSACPAAEESLPIEVM
VDAVHKLKYENYTSFFIRDIIKPDPPKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCV
QVQQGKSKREKKDRVFTDKTSATVICRKNASISVRAQDRYSSSSWSEWASVPCS

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 10% Glycerol (glycerin, glycerine), 0.03% EDTA, 89% PBS

This product is an active protein and may elicit a biological response in vivo, handle with caution.

常规信息

功能

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.

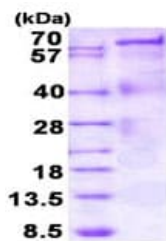
序列相似性

Belongs to the IL-6 superfamily.

细胞定位

Secreted.

图片



15% SDS-PAGE analysis of 3µg ab187480.

Lane 1: reducing conditions

Lane 2: non-reducing conditions

SDS-PAGE - Recombinant human IL-12 protein (His tag) (ab187480)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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