

Human IL12 protein, His tag (active)

Cat. No. GTX66877-pro

Applications Functional Assay**Species** Human**Package**

50 µg

Applications

Application Note

The activity is determined by the IFN- γ ELISA in a using NK-92 cells. The ED₅₀ for this effect is less than or equal to 0.03 ng/ml.

Properties

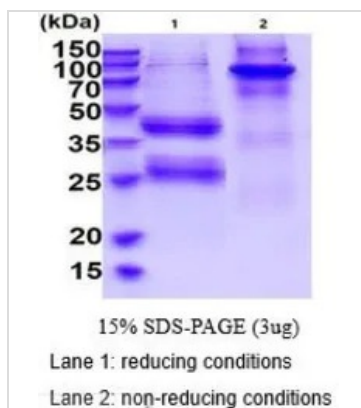
Form Liquid**Buffer** PBS, 10% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

C-terminal His-Tag; Length: 203 a.a. (IL12A), 306 a.a. (IL12A), 509 a.a. (heterodimeric IL12). Sequence of IL12A: RNLVPVATPDP GMFPCLLHHSQ NLLRAVSNML QKARQTLFYP PCTSEEDHE DITKDKTSTV EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSIYEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNASHHH HHH
Sequence of IL12B: IWELKKDVVY VELDWPDPAP GEMVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSL LLHKEDGIW STDILKDQKE PKNKTFRLCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS

Expression System Baculovirus**Purity** > 90% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 28 Page 1 of 2

DATA IMAGES

GTX66877-pro Image

3 μ g of GTX66877-pro Human IL12 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



For full product information, images and publications, please visit our [website](https://www.genetex.com).