

Human IL12 protein, His tag (active)

Cat. No. GTX66877-pro

Applications	Functional Assay	Package
Species	Human	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.

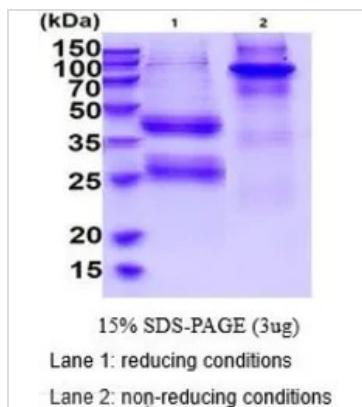
Properties	
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
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: RNLPVATPDPD GMFPCLHHSQ NLLRAVSNML QKARQTLFY PCTSEEIDHE DITKDKTSTV EACPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIYEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNASHHH HHH Sequence of IL12B: IWELKKDVY VELDWYPDAP GEMWLTCDT PEEDGITWTL DQSSEVLGSG KTTLIQVKEF GDAGQYTCHK GGEVLSHSLL LLHKKEDGIW STDILKDQKE PKNKTFLRCE 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.



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DATA IMAGES



GTX66877-pro Image

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



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