

Mouse IL12 protein, His tag (active)

Cat. No. GTX66878-pro

Applications Functional Assay**Species** Mouse**Package**

10 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 or equal to 10 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: 199 a.a. (IL12A), 313 a.a. (IL12A), 512 a.a. (heterodimeric IL12). Sequence of IL12A: RVIPVSGPAR CLSQSRNLLK TTDDMVKTAR EKLKHYSC TA EDIDHEDITR DQTSTLKTCL PLELHKNE SC LATRETSS TT RGSCLP PQKT SLMMTLCLGS IYEDLKMYQT EFQAINAALQ NHHNHQQI LD KGMLVAIDEL MQSLNHNGET LRQKPPVGEA DPYRVKMKLC ILLHAFSTRV VTINRVMGYL SSAHHHHHHH

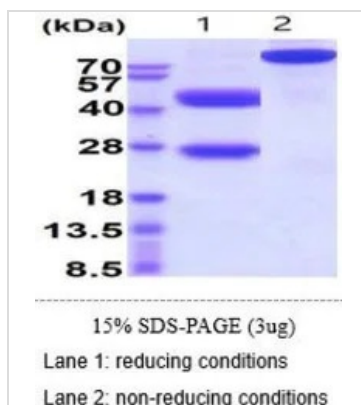
Sequence of IL12B: MWELEKDVVY VVDWTPDAP GETVNL TCDT PEEDDITWTS DQRHGVIGSG KTLTITVKEF LDAGQYTCHK GGETLSHSHL LLHKKENG IW STEILKNFKN KTFKCEAPN YSGRFTCSWL VQRNMDLKFN IKSSSSSPDS RAVTCGMASL SAEKVTLDQR DYEKYSVSCQ EDVTCPTAEE TLPLEALEA RQKNKYENYS TSFFIRDIK PDPPKNLQMK PLKNSQVEVS WEYPDSWSTP HSYFSLKFFV RIQRKKEKMK ETEEGCNQKG AFLVEKTSTE VQCKGGNVCV QAQDRYNNSS CSKWACVPCR VRS

Expression System Baculovirus**Purity** > 95% 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



GTx66878-pro Image

3 µg of GTx66878-pro Mouse IL12 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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