

Bioactive

II12a/II12b (Mouse) Recombinant Protein

Catalog # P6449

Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

□

Specification

Product Description

Mouse II12a/II12b (P43431/P43432) recombinant protein expressed in HEK 293 cells.

Sequence

p35: RVIPVSGPARCLSQSRNLLKTTDDMVKTAREKLKHYSCTAEDIDHEDITRDQTSTLKTCLPLE
LHKNESCLATRETSSTTRGSLPPQKTSLMMTLCLGSIYEDLKMYQTEFQAINAALQNHNHQQIILD
KGMLVAIDELMQSLNHNGETLRQKPPVGEADPYRVKMKLCILLHAFSTRVVTINRVMGYLSSA
p40: MWELEKD VYVVEVDWTPDAPGETVNLTCDTPEEDDITWTS DQRHGVIGSGKLTITVKEFLD
AGQYTCHKGGETLSHSHLLLHKKENGWSTEILKNFKNKTFLKCEAPNYSGRFTCSWL VQRNMDL
KFNIKSSSSSPDSRAVTCGMASLSAEKVTL DQRDYEKYSVSCQEDVTCPTAEETLPIELALEARQ
QNKYENYSTSFFIRD IIKPDPPKNLQMKPLKNSQVEVSWEYPDSWSTPHSYFSLKFFVRIQRKKEK
MKETEEGCNQKGAFLVEKTSTE VQCKGGNVCVQAQDRYNSSCSKWACVPCR VRS

Host

Human

Theoretical MW (kDa)

p35: 21.8, p40: 35.8

Form

Lyophilized

Purity

>= 95%

Endotoxin Level

<= 1 EUs/ug (Kinetic LAL)

ActivityED₅₀ ≤ 20 ng/mL

Mouse primary T cell induced expression of CD25

The values provided above are minimum expected values to pass internal requirements.

Quality Control Testing

Reducing and Non-Reducing SDS PAGE

Conformation

Heterodimer

Storage Buffer

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate , 50 mM sodium chloride, pH 7.5.

Storage Instruction

Stored at -20°C to -80°C for 12 month.

After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

Note

Result of activity analysis

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Applications

- Western Blot
- Functional Study