

## Recombinant Mouse Interleukin-12(IL-12)

Catalog No.: TP05819

50µg

### Sequence Information

**Species:** Mouse

**Gene ID:**16160/16159

**Swiss Prot:**P43432/P43431

**Synonyms:** IL-12; Interleukin 12;  
Interleukin-12 subunit  
alpha;IL-12A;Cytotoxic lymphocyte  
maturation factor 35 kDa subunit;CLMF  
p35;IL-12 subunit p35;Interleukin-12  
subunit beta; IL-12B; Cytotoxic  
lymphocyte maturation factor 40 kDa  
subunit; CLMF p40; IL-12 subunit

**Residues:**Met23-Ser335&Arg23-Ala215

RVIPVSGPARCLSQSRNLLKTTDDMVKTAREKCLKHYSCTAEDIDHEDITRDQTS  
TLKTCLELHKNESCLATRETSSTTRGSCLEPPQKTSMMTLCLGSIYEDLKMY  
QTEFQAINAALQNHNHQIIILDKGMLVAIDELMQSLNHNGETLRQKPPVGEADP  
YRVKMKLCILLHAFSTRVVTINRVMGYLSAMWELEKDVYVVEVDWTPDAPGET  
VNLTCDTPEEDDITWTSQRHGVIGSGKTLTITVKEFLDAGQYTCHKGGETLSH  
SHLLLHKKENGWSTEILKNFKNKTFKCEAPNYSGRFTCSWLVRNMDLKFNI  
KSSSSPDSRAVTCGMASLSAEKVTLDQRDYEKYSVSCQEDVTCPTAEETLPIE  
LAL EARQNKYENYSTSFFIRDIIKPDPPKNLQMKPLKNSQVEVSWEYPDSWST  
PHSYFSLKFFVRIQRKKEKMKETEEGCNQKGAFLVEKTSTEVQCKGGNVCVQAQ  
DRYYNSSCSKWACVPCRVR

### Product Information

**Source:** Eukaryotic expression.

**Host:** 293F cell

**Tags:** C-terminal His-Tag

**Subcellular Location:** Secreted.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 1000 $\mu$ g/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 7.1

**Predicted Molecular Mass:** 58kDa

**Accurate Molecular Mass:** 58kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]

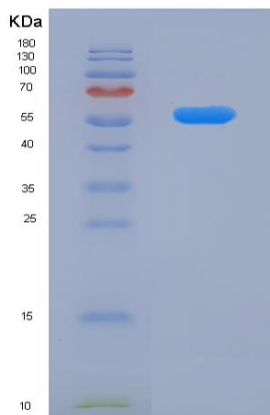


Figure 1. SDS-PAGE

## [ IMPORTANT NOTE ]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

