

## Active Recombinant Mouse IL12, HlgG1 Fc-tagged

**Cat. No.** IL12-002M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The mouse IL-12 complex composed of the p40 subunit (NP_032377.1) (aa1-335) and the p35 subunit (NP_032377.1)(aa 23-215) is fused through a polypeptide linker to the Fc portion of mouse IgG2a was expressed in CHO cell. |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                      |
| <b>Source</b>           | CHO                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-335;23-215 a.a.                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from 0.2µm-filtered solution in PBS.                                                                                                                                                                           |
| <b>Bio-activity</b>     | Measured in a cell proliferation assay using PHA-activated mouse splenocytes.                                                                                                                                              |
| <b>Molecular Mass</b>   | 87 KDa                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | The mouse IL-12 complex composed of the p40 subunit (NP_032377.1) (aa1-335) and the p35 subunit (NP_032377.1)(aa 23-215) is fused through a polypeptide linker to the Fc portion of mouse IgG2a.                           |
| <b>Endotoxin</b>        | <0.06 eu/µg="" as="" determined="" by="" la="">                                                                                                                                                                            |
| <b>Purity</b>           | ≥98%, by SDS-PAGE under reducing conditions.                                                                                                                                                                               |
| <b>Stability</b>        | Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are                                                                                                                                        |

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stable for up to 3 months when stored at -20°C.

**Reconstitution** Reconstitute at 100µg/ml in sterile PBS.

**Warning** Avoid freeze/thaw cycles.

## GENE INFORMATION

**Gene Name** IL-12

**Official Symbol** IL12

**Synonyms** IL12; IL12B; IL-12B

**Gene ID** 100860846

**mRNA Refseq** NM\_001285700

**Protein Refseq** NP\_001272629

**UniProt ID** P68221

**Pathway** African trypanosomiasis, organism-specific biosystem;Allograft rejection, organism-specific biosystem;Chagas disease (American trypanosomiasis), organism-specific biosystem

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