Active Recombinant Mouse IL12, HIgG1 Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	1-335;23-215 a.a.
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using PHA-activated mouse splenocytes.
Molecular Mass	87 KDa
AA Sequence	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.
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	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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