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Recombinant Mouse IL-12 p40

Description: Interleukin-12 is a disulfide-linked heterodimeric protein (p70), composed of two subunits, p35 and p40, which are encoded by two different genes. Accumulating data indicate that p40 secretion precedes that of IL-12 expression. In addition, to its ability to covalently bind to p35 to form IL-12, p40 can bind to p19 to form IL-23. Additionally, p40 can associate itself through disulfide linkage to form a dimer that acts as a potent IL12 antagonist. Recombinant murine IL-12 p40 is a 40.0 kDa protein containing 313 amino acid residues.

Source:	CHO cells
Molecular Weight:	40 kDa
Purity:	> 95% by SDS-PAGE and HPLC
Endotoxin level:	< 0.1 ng per µg of IL-12p40
Stabilizer:	none
Formulation:	lyophilized

Biological Activity: Test in progress.

Reconstitution: The murine IL-12p40 should be reconstituted in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted murine IL12p40 should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

Usage: Murine IL-12p40 offered for research use. Not for drug use. **Not for human use.**

Catalogue number: M10-070

Size: 10 µg

****Please note: always centrifuge product before opening vial.****