

## 32-20628: Recombinant Murine IL-12 p40(Discontinued)

**Alternative Name :**

Interleukin-12, NKSF, CTL Maturation Factor (TCMF), Cytotoxic Lymphocyte Maturation Factor (CLMF), TSF, p40:Interleukin-12 subunit beta, IL-12 subunit p40, IL-12B, Cytotoxic Lymphocyte Maturation Factor 40 kDa subunit (CLMF p40), NK cell Stimulating Factor Chain 2

### Description

**Source:HEK293 cells**

IL-12 is a potent regulator of cell-mediated immune responses and it induces IFN-Gamma production by NK and T cells. It is produced by activated monocytes/macrophage cells, B lymphocytes and connective tissue-type mast cells. Among its biological activities, IL-12 promotes the growth and activity of activated NK, CD4+ and CD8+ cells, and induces the development of IFN-Gamma-producing Th1 cells. Recombinant Murine IL-12 p40 is a 40.0 kDa protein consisting of 313 amino acid residues and less than 5% of the IL-12 p80 dimer.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Purity:>= 95% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** p40 Subunit: MWELEKDVYV VEVDWTPDAP GETVNLCTD PEEDDITWTS DQRHGVIGSG KTLTITVKEF LDAGQYTCHK GGETLSHSHL LLHKKENGIW STEILKNFKN KTFKCEAPN YSGRFTCSWL VQRNMDLKFN IKSSSSPDS RAVTCGMASL SAEKVTLDQR DYKYSVSCQ EDVTCPTAEE TLPIELALEA RQQNKYENYS TSFFIRDIIK PDPPKNLQMK PLKNSQVEVS WEYPDSWSTP HSYFSLKFFV RIQRKKEKMK ETEEGCNQKG AFLVEKTSTE VQCKGGNVCV QAQDRYYNSS CSKWACVPCR VRS

### Application Note

Determined by its ability to inhibit the proliferative effect of 2 ng/ml mIL-12p70 in T-cell enriched PBMCs.