

## 32-9166: Rat Interleukin-12/IL-12(C-His)

**Alternative Name :** CLMF p35; CLMF1; Cytotoxic lymphocyte maturation factor 35 kDa subunit; IL-12 subunit p35; IL12; IL-12; IL-12, subunit p35; IL12A; interleukin 12; interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocytematuration factor 1, p35); interleukin-12 alpha chain; interleukin-12 subunit alpha; NF cell stimulatory factor chain 1; NK cell stimulatory factor chain 1; NKSF1; p35

### Description

Source : Human 293 Cells;

Interleukin-12 (IL-12) is a heterodimeric pleiotropic cytokine that consists of IL12A (p35) and IL12B (p40) subunits. IL-12 is expressed by macrophages and B lymphocytes and act as a growth factor for activated T and NK cells, help enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC. Studies have shown that IL-12 is a key mediator of cellular-immunity and induces the differentiation of Th1 cells from precursor T helper cells. Based on its activities, it has been predicted that IL-12 may have therapeutic potential as a vaccine adjuvant that promotes cellular-immunity and as an anti-tumor and anti-viral agent.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 um filtered solution of PBS, pH7.4

**Amino Acid :** Recombinant Rat Interleukin-12 is produced by our Mammalian expression system and the target gene encoding Met23-Ser335(p40)&Arg23-Ser215(p35) is expressed with a 6His tag at the C-terminus.