

### 32-9090: Recombinant Mouse Interleukin-12/IL-12 (C-His)

**Alternative Name :** IL-12; Interleukin 12; Interleukin-12 subunit alpha; IL-12A; Cytotoxic lymphocyte maturation factor 35 kDa subunit; CLMF p35; IL-12 subunit p35; Interleukin-12 subunit beta; IL-12B; Cytotoxic lymphocyte maturation factor 40 kDa subunit; CLMF p40; IL-12 subunit p40

#### 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 Mouse Interleukin-12 is produced by Human 293 Cells. The target gene encoding M23-S335; R23-A125 is expressed with a 8His tag at the C-terminus.