

---

**Interleukin-12p40**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9266

**Size:** 10µg

---

**Synonym:** IL-12B; subunit p40, cytotoxic lymphocyte maturation factor 2; p40; natural killer cell stimulatory factor 2; CLMF, CLMF2, NKSF, NKSF2.

**Description:** Active IL-12 is a p70 disulphide-linked dimer composed of p35 and p40 subunits. The protein is a pleiotropic cytokine produced primarily by antigen presenting cells and has multiple effects on T lymphocytes and natural killer cells in terms of stimulating cytotoxicity, proliferation, production of other cytokines and Th1 subset differentiation.

**RANDOX** recombinant Interleukin-12p40 comprises a 306 amino acid fragment (23-328) corresponding to the mature Interleukin-12p40 chain protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:** Liquid.  
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:** Single band on Western blot.

**References:** Gately, M.K. *et al.* (1998) *Annual Rev. Immunol.* **16** : 495-521.