

Human Interleukin-12 beta / IL12B (His-tagged) - Purified

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| Alternate names: | CLMF p40, Cytotoxic lymphocyte maturation factor 40 kDa subunit, IL-12 subunit p40, IL-12B, Interleukin-12B, NK cell stimulatory factor chain 2, NKSF2 |
| Catalog No.: | AR10064PU-S |
| Quantity: | 2 µg |
| Background: | 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. |
| Uniprot ID: | P29460 |
| NCBI: | NP_002178.2 |
| GeneID: | 3593 |
| Species: | Human |
| Source: | E. coli |
| Format: | State: Liquid sterile filtered clear solution. Purity: >95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Buffer System: 20mM Tris HCL pH 8 and 50% Glycerol. |
| Description: | Interleukin-12 p40 His Human Recombinant produced in <i>E.coli</i> is single, a non-glycosylated, polypeptide chain containing 306 amino acids fragment (23-328) with an amino-terminal hexahistidine tag. The IL-12 p40 His is purified by proprietary chromatographic techniques. |
| Storage: | Store the antigen at 2-8°C for 2-4 weeks or frozen at -20°C for longer. Please avoid freeze thaw cycles. Shelf life: One year from despatch. |