

IL 12 p35 Human

Description: Interleukin-12 p35 His Human Recombinant produced in E.Coli is single, a non-glycosylated, polypeptide chain containing 197 amino acids fragment (57-253) with an amino-terminal hexahistidine tag. The IL-12 p35 His is purified by proprietary chromatographic techniques.

Catalog #: CYPs-494

For research use only.

Synonyms: NKSF1, CTL maturation factor (TCMF), Cytotoxic lymphocyte maturation factor 35 kDa subunit (CLMF p35), TSF, Edodekin-alpha, IL-12 p35, IL-12A, IL-12 subunit p35, NK cell stimulatory factor chain 1, SGT2, FLJ39002.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Purity: Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

Interleukin-12 p35 His-Tag is supplied in 1xPBS and 50% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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