

## 32-1441: IL 12 p40 Baculovirus Recombinant Protein

**Alternative Name** NKSF2,CTL maturation factor (TCMF),Cytotoxic lymphocyte maturation factor 40 kDa subunit (CLMF : p40),TSF,Edodekin-alpha,IL-12 p40,IL-12B,IL-12 subunit p40,NK cell stimulatory factor chain 2.

### Description

Source : Baculovirus IL 12 p40 Human Recombinant produced in Hi-5 cell using Baculovirus is a single polypeptide chain containing 315 amino acids (23-328) and having a molecular mass of 35.8kDa.IL 12 p40 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 10 µg   |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.   |
| <b>Content :</b>           | The IL 12 p40 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 2mM DTT, 100mM PMSF and 20% glycerol.  |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.   |
| <b>Amino Acid :</b>        | ADPIWELKKD VYVVELDWYP DAPGEMVVL T CDTPEEDGIT WTL DQSSEVL GSGKTLTIQV KEFGDAGQYT<br>CHKGGEVLSH SLLLLHKKED GIWSTDILKD QKEPKNKTFL RCEAKNYSGR FTCWWLT TIS TDLTFSVKSS<br>RGSSDPQGV T CGAATLSAER VRGDNKEYEY SVECQEDSAC PAAEESLPIE VMVDAVHKLK YENYTSSFFI<br>RDIKPDPPK NLQLKPLKNS RQVEVSWEYP DTWSTPHSYF SLTFCVQVQG KSKREKKDRV FTDKTSATVI<br>CRKNASISVR AQDRYYSSSW SEWASVPCSH HHHHH |