

## 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>	ADPIWELKGD VYVVELDWYP DAPGEMVVL TCDTPEEDGIT WTL DQSSEVL GSGKTLTIQV KEFGDAGQYT CHKGGEVLSH SLLLLHKKED GIWSTDILKD QKEPKNKTF L RCEAKNYSGR FTCWWLTTIS TDLTFSVKSS RGSSDPQGV T CGAATLSAER VRGDNKEYEY SVECQEDSAC PAAEESLPIE VMVDAVHKLK YENYTSSFFI RDIKPDPPK NLQLKPLKNS RQVEVSWEYP DTWSTPHSYF SLTFCVQVQG KSKREKKDRV FTDKTSATVI CRKNASISVR AQDRYYSSSW SEWASVPCSH HHHHH

