

## Interleukin-12 p40 Human Recombinant, Baculovirus

<b>Item Number</b>	rAP-0511
<b>Synonyms</b>	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.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P29460
<b>Amino Acid Sequence</b>	ADPIWELKGD VYVVELDWYP DAPGEMVVLDTCTPEEDGIT WTLQDSSEVL GSGKTLTIQV KEFG-DAGQYT CHKGGEVLSH SLLLLHKKED GIWSTDILKD QKEPKNKTFL RCEAKNYSGR FTCWWLTITIS TDLTFSVKSS RGSSDPQGVTCGAATLSAER VRGDNKEYEY SVECQEDSAC PAAEESLPIE VMVDAVHKLK YENYTSSFFI RDIKPDPPK NLQLKPLKNS RQVEVSWEYP DTWSTPHSYF SLT-FCVQVQG KSKREKKDRV FTDKTSATVI CRKNASISVR AQDRYYSSSW SEWASVPCSH HHHHH
<b>Source</b>	Baculovirus
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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>Formulation and Purity</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. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**