

Interleukin-12 p40 Human Recombinant, Baculovirus

Item Number	rAP-0511
Synonyms	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	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.
Uniprot Accesion Number	P29460
Amino Acid Sequence	ADPIWELKKD YYVVELDWYP DAPGEMVVL CDTPEEDGIT WTLDQSSEVL GSGKTLTIQV KEFG-DAGQYT CHKGGEVLSH SLLLLHKKED GIWSTDILKD QKEPKNKTFL RCEAKNYSGR FTCWWLTTIS TDLTFSVKSS RGSSDPQGVGT CGAATLSAER VRGDNKEYEY SVECQEDSAC PAAEESLPIE VMVDAVHKLK YENYTSSFFI RDIIKPDPPK NLQLKPLKNS RQVEVSWEYP DTWSTPHSYF SLT-FCVQVQG KSKREKKDRV FTDKTSATVI CRKNASISVR AQDRYYSSSW SEWASVPCSH HHHHH
Source	Baculovirus
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**