

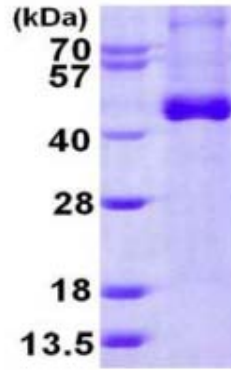
## IL12B

### IL12p40, Recombinant Human Interleukin 12 p40 His Tagged

<b>Catalog No.</b>	CR650 CR650C	<b>Quantity:</b>	1 mg 250 µg
<b>Alternate Names:</b>	NKSF2, IL-12B, IL12 subunit p40, CLMF		
<b>Description:</b>	IL12 p40 (IL12B) is a subunit of interleukin 12, a cytokine that acts on T and natural killer cells and has a broad array of biological activities. IL12 is a disulfide-linked heterodimer that consists of the 40 kDa receptor-like subunit and the 35 kDa subunit encoded by IL12A. Recombinant human IL 12 p40 with a C-terminal His-tag was expressed in Hi-5 cells using baculovirus expression system.		
<b>GeneID:</b>	3593		
<b>UniProtKB:</b>	P29460		
<b>Source:</b>	Sf9 cells		
<b>Molecular Weight:</b>	35.8 kDa (315 aa)		
<b>Formulation:</b>	Liquid in 20 mM Tris-HCl buffer, pH 8.0 with 2 mM DTT, 20% glycerol, 100 mM NaCl, 0.1 mM PMSF		
<b>Purity:</b>	>90% by SDS-PAGE		
<b>Purification:</b>	Conventional chromatography		
<b>Endotoxin Level:</b>	< 0.01 EU/µg		
<b>Concentration:</b>	0.25 mg/mL (Bradford Assay)		
<b>Amino Acid Sequence:</b>	<p><u>AD</u>PIWELKKD VYVVELDWYP DAPGEMVLT CDTPEEDGIT WTLDQSSEVL            GSGKTLTIQV KEFGDAGQYT CHKGGEVLSH SLLLLHKKED GIWSTDILKD            QKEPKNKTF RCEAKNYSGR FTCWWLTTIS TDLTFSVKSS RGSSDPQGV            CGAATLSAER VRGDNKEYEY SVECQEDSAC PAAEESLPIE VMVDAVHKLK            YENYTSSFFI RDIKPDPPK NLQLKPLKNS RQVEVSWEYP DTWSTPHSYF            SLTFCVQVQG KSKREKKDRV FTDKTSATVI CRKNASISVR AQDRYSSSW            SEWASVPCSH <u>HHHHH</u></p> <p><i>(underlined aa at amino-terminus are result of cloning artefact, underlined aa at carboxy-terminus are histidine tag)</i></p>		
<b>Storage &amp; Stability:</b>	Store at 2-4 °C <b>only if entire batch will be used within 1 week</b> . For long term storage, store in aliquots at -20 °C to -80 °C for up to one year. <b>Avoid repeated freeze-thaw cycles.</b>		



3 µg of IL12B resolved by 15% SDS-PAGE



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