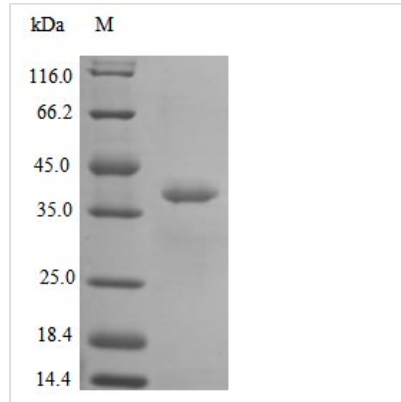




# Recombinant Human IL12B&IL12A Heterodimer Protein (Active)

<b>Product Code</b>	CSB-AP001811HU
<b>Abbreviation</b>	Recombinant Human IL12B&IL12A Heterodimer protein (Active)
<b>Uniprot No.</b>	P29460/P29459
<b>Storage Buffer</b>	0.2 μm filtered PBS, pH 7.4 ,lyophilized
<b>Product Type</b>	Interleukins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured in a cell proliferation assay using PHA-stimulated human T lymphoblasts. The ED50 for this effect is 0.01-0.05 ng/mL. The specific activity of rHuIL-12 is approximately 1.1 × 10 <sup>4</sup> units/μg, which is calibrated against rHuIL-12 WHO Standard
<b>Purity</b>	≥97% as determined by SDS-PAGE.
<b>Sequence</b>	p35 Subunit: RNLPVATPDP GMFPC LHHSQ NLLRAVSNML QKARQTLEFY PCTSEEIDHE DITKDKTSTV EA CLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIYEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNAS p40 Subunit: IWELKKDVYV VELDWYPDAP GEMVVLTC DT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSL LLLHKKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSAC PAA EESLPIEMV DAVHKLKYEN YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCS
<b>Research Area</b>	Immunology
<b>Source</b>	Baculovirus
<b>Target Names</b>	IL12A
<b>Expression Region</b>	23-328aa(IL12B) & 23-219aa(IL12A)
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	57kDa
<b>Protein Length</b>	Heterodimer
<b>PubMed ID</b>	1673147; 1674604; 16641997; 2204066; 1374259; 16548883; 10899108
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Endotoxin**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.