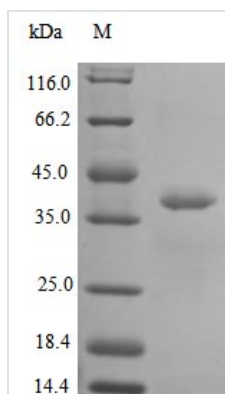




Recombinant Human IL12B&IL12A Heterodimer Protein (Active)

Product Code	CSB-AP001811HU
Abbreviation	Recombinant Human IL12B&IL12A Heterodimer protein (Active)
Uniprot No.	P29460/P29459
Storage Buffer	0.2 μm filtered PBS, pH 7.4 ,lyophilized
Product Type	Interleukins
Immunogen Species	Homo sapiens (Human)
Biological Activity	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 ⁴ units/μg, which is calibrated against rHuIL-12 WHO Standard
Purity	>97% as determined by SDS-PAGE.
Sequence	p35 Subunit: RNLPVATPDP GMFPCLHHSQ NLLRAVSNML QKARQTLEFY PCTSEEIDHE DITKDKTSTV EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIEDLK MYQVEFKTMN AKLLMDPKRQ IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNAS p40 Subunit: IWELKKDVYV VELDWYPDAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSL LLHKKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA ATLSAERVRG DNKEYEYSVE CQEDSACPAA EESLPIEVMV DAVHKLKYEN YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCS
Research Area	Immunology
Source	Baculovirus
Target Names	IL12A
Expression Region	23-328aa(IL12B) & 23-219aa(IL12A)
Tag Info	Tag-Free
Mol. Weight	57kDa
Protein Length	Heterodimer
PubMed ID	1673147; 1674604; 16641997; 2204066; 1374259; 16548883; 10899108
Image	



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

Endotoxin

Less than 1.0 EU/μg 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.