

Human IL 17A/F Recombinant Protein



RPPB0607

Product Information Protein Information

Product SKU:

RPPB0607

Host:

Escherichia Coli.

Protein description:

IL-17A/F Human Recombinant produced in E.Coli is a heterodimeric, non-glycosylated polypeptide chain containing 1 monomeric subunit of each IL-17A & IL-17F. The active dimer contains 271 amino acids and having a total molecular mass of 30.7 kDa. The IL-17A/F Human is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

IL17A/F, IL17 A/F, IL-17A/F, IL-17 A/F, IL17AF, IL-17 AF, Interleukin-17 A/F, Interleukin-17 AF.

Formulation:

IL-17A/F was lyophilized from a (0.2µm) filtered protein solution containing 0.1% TFA.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Interleukin Human IL-17A/F in sterile water at 0.1mg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Human IL-17A/F although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Human IL-17A/F should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MIVKAGITIP RNP GCPNSED KNFPR TVMVN LNIHNRNTNT NPKRSSDYNN RSTSPWNLHR NEDPERYPSV
IWEAKCRHLG CINADGNVDY HMNSVPIQQE ILVLRREPPH CPNSFRLEKI LVS VGCTCVT PIVHHVA.
MRKIPKVGHT FFQKPESCPP VPGGSMKLDI GIINENQRVS MSRNIESRST SPWNYTVTWD PNRYPSEVVQ
AQRNLGCIN AQQKEDISMN SVPIQQETLV VRRKHQGCSV SFQLEKVLVT VGCTCVTPVI HHVQ.

Biological Activity:

The activity as determined by production of IL-6 from mouse 3T3 cells is 3.2ng/ml (3.1x10⁵units/mg).