

Human IL 19 Recombinant Protein



RPPB0628

Product Information Protein Information

Product SKU:

RPPB0628

Accession:

Q9UHD0

Host:

Escherichia Coli.

Protein description:

Interleukin-19 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 155 amino acids and having a molecular mass of 17913 Dalton. The IL-19 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Melanoma differentiation association like protein, MDA1, NG.1, ZMDA1, IL-10C, IL-19.

Formulation:

Lyophilized from a concentrated (1mg/ml) solution in water containing 10mM sodium citrate pH-5.

Purity:

Greater than 99.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Interleukin -19 in sterile 18MΩ-cm H₂O at a concentration of 0.5mg/ml or less.

Stability:

Lyophilized Interleukin-19 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL19 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:

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Leu-Arg-Arg-Cys.

Biological Activity:

The activity is determined by its ability to activate STAT following receptor-ligand interaction.