

Rhesus Macaque IL 13 Recombinant Protein



RPPB0580

Product Information Protein Information

Product SKU:

RPPB0580

Host:

Escherichia Coli.

Protein description:

IL 13 Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 114 amino acids and having a molecular mass of 12.6kDa. The IL 13 Rhesus Macaque is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

NC30, ALRH, BHR1, P600, IL-13, MGC116786, MGC116788, MGC116789.

Formulation:

Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4 containing 5% trehalose.

Purity:

Greater than 97.0% as determined by SDS-PAGE and HPLC analyses.

Solubility:

It is recommended to reconstitute the lyophilized IL-13 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized IL-13 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-13 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Amino Acid Sequence:

SPSPVPRSTA LKELIEELVN ITQNQKAPLC NGSMVWSINL TAGVYCAALE SLINVSGCSA IEKTQRMLNG
FCPHKVSAGQ FSSLRVRDTK IEVAQFVKDL LVHLKCLFRE GRFN

Biological Activity:

The ED₅₀ as determined by the dose-dependent proliferation of TF-1 cells was < 1.0 ng/ml, corresponding to a specific activity of > 1×1,000,000 units/mg.