

Interleukin-13 Rhesus Macaque Recombinant

Item Number	rAP-0531
Synonyms	NC30, ALRH, BHR1, P600, IL-13, MGC116786, MGC116788, MGC116789.
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.
Uniprot Accesion Number	
Amino Acid Sequence	SPSPVPRSTA LKELIEELVN ITQNQKAPLC NGSMVWSINL TAGVYCAALE SLINVSGCSA IEKTQRMLNG FCPHKVSAGQ FSSLRVRDTK IEVAQFVKDL LVHLKKLFRE GRFN
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Lyophilized from a 0.2%m filtered concentrated solution in PBS, pH 7.4 containing 5% trehalose. Greater than 97.0% as determined by SDS-PAGE and HPLC analyses.
Application	
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.
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**