

Interleukin-19 Mouse Recombinant

Item Number	rAP-0670
Synonyms	Interleukin-19, IL-19, IL19.
Description	Interleukin-19 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 153 amino acids and having a molecular mass of 17.7kDa. The IL-19 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8CJ70
Amino Acid Sequence	MLRRCLISVDMRLIEKS- FHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTNLLTFYRDRVFQDHQERSLEVLRRISSIANSFLCV QKSLERCQVHRQCNCSEQEATNATRIIHDNYNQLEVSSAALKSLGELNILLAWIDRNHLETPAA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Lyophilized from a sterile filtered aqueous solution containing 5mM Na ₃ PO ₄ and 150mM NaCl, pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL-19 in sterile 18M-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
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 ender users! This product is sold for **Research Use Only**