

Interleukin-16 Rhesus Macaque Recombinant

Item Number	rAP-0518
Synonyms	IL16, Interleukin-16, LCF, Lymphocyte Chemoattractant Factor, prIL-16, IL-16, FLJ16806, FLJ42735, FLJ44234, HsT19289.
Description	IL 16 Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 121 amino acids and having a molecular mass of 12.5kDa. The IL 16 Rhesus Macaque is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	
Amino Acid Sequence	SAASASAASD VSVESSAEAT VYTWTLEKMS AGLGFSLEGG KGSLHGDKPL TINRIFKGAA SEQSETI-QPG DEILQLAGTA MQGLTRFEAW NIIKALPDGP VTIVIRRKSL QPKETTAAD S
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL-16 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-16 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% filtered concentrated solution in PBS, pH 7.4. Greater than 98.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL-16 in sterile 18M-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Fully biologically active when compared to standard. Determined by its ability to chemoattract human CD4+ T-Lymphocytes using a concentration range of 50.0-100.0ng/ml corresponding to a Specific Activity of 10,000-20,000IU/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**