

Interleukin-16 Mouse Recombinant

Item Number	rAP-0610
Synonyms	LCF, Lymphocyte Chemoattractant Factor, prIL-16, KIAA4048, mKIAA4048, IL16, IL-16, Interleukin-16.
Description	Interleukin-16 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 127 amino acids and having a molecular mass of 13.2 kDa. The Mouse IL-16 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	O54824
Amino Acid Sequence	MHDLNSSTDS AASASAASDI SVESKEATVC TVTLEKTSAG LGFSLEGGKG SLHGDKPLTI NRIFKG-DRTG EMVQPGDEIL QLAGTAVQGL TRFEAWNVIK ALPDGPVTIV IRRSLQCKQ TTASADS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Mouse IL-16 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution mouse IL16 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	Murine IL-16 was lyophilized from 1mg/ml solution after extensive dialysis against 10mM sodium phosphate buffer, pH-7.5. Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Murine IL16 in sterile 18MΩ-cm H2O 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**