

Interleukin-15 Human Recombinant, HEK

Item Number	rAP-0696
Synonyms	IL-15, IL15, Interleukin-15, MGC9721.
Description	Interleukin-15 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight of 12.8kDa due to glycosylation. The IL15 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P40933
Amino Acid Sequence	
Source	HEK.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL-15 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL15 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	The IL-15 protein was lyophilized from 1842µg/l filtered (0.2µm) solution in PBS, pH 7.4 and 10% Trehalose. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL15 with 2500µg/l PBS to a stock solution of 400µg/ml.
Biological Activity	The biological activity was determined by the dose dependent stimulation of the proliferation of CTLL-2 cells, the ED50 is typically less than 0.5ng/ml, corresponding to a specific activity of >2 x 10 ⁶ Unit/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 ender users! This product is sold for **Research Use Only**