

IL 15 Human

Recombinant Human Interleukin-15

Catalog Number: C60557
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Overview

Synonyms	IL-15, MGC9721.
Description	Interleukin-15 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 114 amino acids (and an N-terminal Methionine) and having a molecular mass of 12.8kDa. The IL-15 is purified by proprietary chromatographic techniques.
Source	E.coli

Properties

Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder.
Formulation	The protein was lyophilized from PBS pH 7.4.
Available	IL-15, MGC9721.
Conjugates	
Amino acid sequence	MNWNVISDL KKIEDLIQSM HIDATLYTES DVHPSCKVTA MKCFLELQV ISLESGDASI HDTVENLIL ANNSLSSNGN VTESGCKECE ELEEKNIKEF LQSFVHIVQM FINTS.
Biological Activity	The ED50 as determined by the dose-dependant stimulation of the proliferation of mouse CTLL-2 was found to 0.5 ng/ml, corresponding to a Specific Activity of 2×10^6 IU/mg.

Storage

Solubility	It is recommended to reconstitute the lyophilized Interleukin-15 in sterile 18M Ω -cm H ₂ O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.
Stability	Lyophilized Interleukin-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.