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32-1428: IL 9 HEK Recombinant Protein(Discontinued)

Alternative Name : P40,HP40,T-cell growth factor p40,IL-9,P40 cytokine.

Description

Source : HEK. IL-9 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 38-48kDa due to glycosylation.The IL9 is purified by proprietary chromatographic techniques. Factor that is thought to be a regulator of hematopoiesis. It has been shown to enhance the growth of human mast cells and megakaryoblastic leukemic cells as well as murine helper t-cell clones. IL-9 is a glycoprotein with a molecular weight of 32-39 that is derived from T-cells, and maps to human chromosome 5.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as obsereved by SDS-PAGE.
Content :	The IL9 was lyophilized from 1mg/ml in 1xPBS.
Storage condition :	Lyophilized IL-9 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL9 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.

Application Note

It is recommended to reconstitute the lyophilized IL-9 in sterile water not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions. The specific activity was determined by the dose-dependent stimulation of the proliferation of human MO7e cells (human megakaryoblastic leukemia cell line) and is typically 0.03-0.2ng/ml.