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Recombinant Mouse Interleukin-21/IL-21 Protein(N-6His)

产品货号: TP05846

第三版

别名: Interleukin-21; IL-21; IL21; IL21

**描述:** Interleukin-21 (IL-21) is an approximately 14 kDa cytokine which belongs to the IL-15/IL-21 family. Mature mouse IL-21 shares 66%, 59%, 58%, and 88% aa sequence identity with mature canine, human, rabbit, and rat IL-21, respectively. IL-21 is produced by activated T follicular helper cells (Tfh), Th17 cells, and NKT cells. It exerts its biological effects through a heterodimeric receptor complex (IL-21 specific IL-21 R). IL-21 is a cytokine that has potent regulatory effects on cells of the immune system, including natural killer (NK) cells and cytotoxic T cells that can destroy virally infected or cancerous cells. This cytokine induces cell division/proliferation in its target cells. It is required for the migration of dendritic cells to draining lymph nodes. It co-stimulates the activation, proliferation, and survival of CD8+ T cells and NKT cells and promotes Th17 cell polarization. It blocks the generation of regulatory T cells and their suppressive effects on CD4+ T cells.

**配方:** PBS

**分子量:** 14.4 kDa

**序列:** Pro25-Ser146

**纯度:** > 95% by HPLC

**浓度:**

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.