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Recombinant Mouse Interleukin-13/IL-13 Protein

产品货号: TP05825

第三版

别名: Interleukin-13; IL-13; T-Cell Activation Protein P600; II13; II-13

**描述:** Mouse interleukin 13 (mIL-13) is a pleiotropic cytokine produced by activated Th2 cells. IL-13 induces B cell proliferation and immunoglobulin production. It contains a four helical bundle with two internal disulfide bonds. Mouse IL13 shares 58% sequence identity with human protein and exhibits cross-species activity. IL13 signals via receptor IL13R (type2, IL4R) and activates STAT-6. IL13 initially binds IL-13R<sub>1</sub> with low affinity and triggers association of IL4R, generating a high affinity heterodimeric receptor IL13R and eliciting downstream signals. IL13 also binds IL-13R<sub>2</sub> with high affinity, which plays a role in a negative feedback system of IL13 signaling. IL13 is an important mediator of allergic inflammation and disease.

**配方:** PBS

**分子量:** 11.7 kDa

**序列:** Ser26-Phe131

**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.