

IL-13 (C-6His), Human, Recombinant

货号 : PCK174

产品信息

别名	Interleukin-13; IL-13
物种	Human
表达宿主	Human Cells
序列信息	Gly35-Asn146
检索号	AAH96139
分子量	13.4 KDa
标签	C-6His
生物活性	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 1.5-4.5 ng/ml.

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.



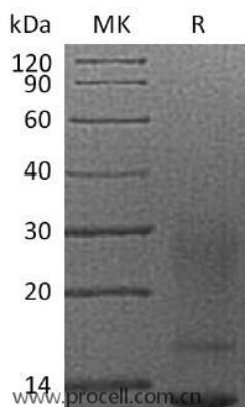
复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

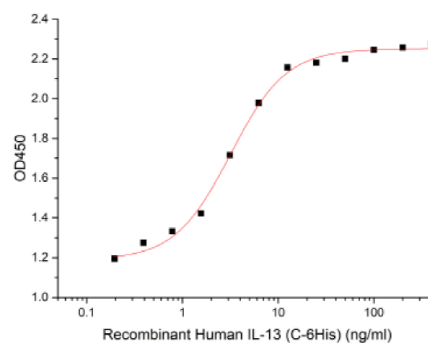
背景介绍

Interleukin-13 is also known as IL-13. It is a protein that in humans is encoded by the IL13 gene. Interleukin-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells. It is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils.

SDS-PAGE



生物活性



Measured in a cell proliferation assay using TF1 human erythroleukemic cells. The ED50 for this effect is 1.5-4.5 ng/ml.

