

IL-4/IL4, Swine, Recombinant

货号: PCK343

产品信息

别名 IL4

物种 Swine

表达宿主 E.coli

序列信息 MHKCDITLQEIIKTLNILTARKNSCMELPVTDVFAAPENTTEKETFCRASTV

LRHIYRHHTCMKSLLSGLDRNLSSMANMTCSVHEAKKSTLKDFLERLKTIM

KEKYSKC with polyhistidine tag at the C-terminus.

检索号 Q04745.1

分子量 13.5 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce proliferation in TF-1 cells. The ED50 for this effect

Pricella

is < 0.6 ng/mL.

产品特性

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 µg of the protein by the LAL method.

保存 Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution,

store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution),

protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.

运输 Ambient temperature or ice pack.

制剂 The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH

7.4.

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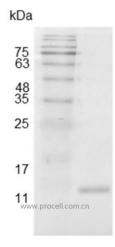
复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

The interleukin 4 (IL4, IL-4) is a cytokine that induces differentiation of naive helper T cells (Th0 cells) to Th2 cells. Upon activation by IL-4, Th2 cells subsequently produce additional IL-4 in a positive feedback loop. The cell that initially produces IL-4, thus inducing Th2 differentiation, has . 18 close not been identified, but recent studies suggest that basophils may be the effector cell. It is closely related and has functions similar to Interleukin 13.

SDS-PAGE



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