

IL-17A/CTLA-8, Mouse, Recombinant

货号: PCK368

产品信息

别名 CTLA-8

物种 Mouse

表达宿主 E.coli

序列信息 MAAIIPQSSACPNTEAKDFLQNVKVNLKVFNSLGAKVSSRRPSDYLNRSTSP

> WTLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKLDHHMNSVLIQQEILVLK REPESCPFTFRVEKMLVGVGCTCVASIVRQAA with polyhistidine tag at the C-

terminus.

检索号 O62386.1

分子量 15.92 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect

is <1 ng/mL. The specific activity of recombinant mouse IL-17A is >1 x 10⁶

IU/mg.

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 20 mM

sodium citrate, 0.2 M NaCl, pH 4.5.

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复融

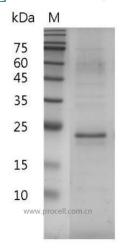
It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ g/mL.Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Interleukin-17A is a protein that in humans is encoded by the IL17A gene. The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO).

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SDS-PAGE



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