

IL-17F/C87042, Mouse, Recombinant

货号 : PCK326

产品信息

别名 C87042

物种 Mouse

表达宿主 E.coli

序列信息 MRKNPKAGVPALQKAGNCPLEDNTVRVDIRIFNQNGISVPREFQNRSSS
PWDYNITRDPHRFPSEIAEAQCRHSGCINAQGQEDSTMNSVAIQQEILVLR
EPQGCSNSFRLEKMLLKVGCTCVKPIVHQAA with polyhistidine tag at the C-terminus.

检索号 Q7TNI7.1

分子量 15.82 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 <100 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 20 mM sodium citrate, pH 4.5.



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 protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1.

SDS-PAGE

