

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	MAAIIPQSSACPNTAKDFLQNVKVNKVFNSLGAKVSSRRPSDYLNLRSTSP WTLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKLDHHMNSVLIQQEILVLK REPESCPFTFRVEKMLVGVGCTCVASIVRQAA with polyhistidine tag at the C-terminus.
检索号	Q62386.1
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 10 ⁶ 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.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. 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).

SDS-PAGE

