

IL-25/IL-17E/IL17e, Mouse, Recombinant**Cat. No. : GPCK327****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	MVSLRIQEGCSHLPSCCPSKEQEPPEEWLKWSSASVSPPEPLSHTTHAESCRASKDGPLNSR AISPWSYELDRDLNRVPQDLYHARCLCPHCVSLQTGSHMDPLGNSVPLYHNQTVFYRRPCH GEEGTHRRYCLERRLYRVSLACVCVRPRVMA with polyhistidine tag at the C-terminus.
检索号	Q8VHH8.1
标签	His-tag at the C-terminus
分子量	18.41 kDa
有效期	12 months
生物活性	Measured by its ability to induce CXCL1 secretion in HT ²⁹ cells. The ED ₅₀ for this effect is < 1 ng/mL

产品特性

内毒素 (EU/μg)	< 0.1
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.
复溶	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

Interleukin-25 (IL-25) is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-κB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. IL-25 is a member of the IL-17 family of cytokines. However, unlike the other members of this family, IL-25 promotes T helper (Th) 2 responses. IL-25 also regulates the development of autoimmune inflammation mediated by IL-17-producing T cells. IL-25 and IL-17, being members of the same cytokine family, play opposing roles in the pathogenesis of organ-specific autoimmunity.

