

IL-34/2010004A03Rik, Il34, Mouse, Recombinant**Cat. No. : GPCK329****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	MNENLEIWTLTQDKECDLTGYLRGKLQYKNRLQYMKHYFPINYRIAVPYEGVLRVANITRLQK AHVSERELRYLWVLVSLNATESVMDVLLLEGHPSWKYLQEVQTLLENVQRSLMDVEIGPHVEA VLSLLSTPGLSLKLVPRKALLDNCFRVMELLYCSCCKQSPILKWQDCELPRLHPHSPGSLMQC TATNVYPLSRQTPTSLPGSPSSSHGSLP with polyhistidine tag at the C-terminus.
检索号	Q8R1R4.1
标签	His-tag at the C-terminus
分子量	25.52 kDa
有效期	12 months
生物活性	Measure by its ability to induce proliferation in NFS-60 cells. The ED50 for this effect is < 30 ng/mL. The specific activity of recombinant mouse IL-34 is > 3.3 × 10 ⁴ IU/mg.

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 1 × PBS, pH 7.4.
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-34 (IL-34) is a protein that promotes the proliferation, survival and differentiation of monocytes and macrophages. It also promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. IL-34 plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 and MAPK3/ERK1.

