

IL-34/2010004A03Rik, Il34, Mouse, Recombinant

货号 : PCK329

产品信息

别名	2010004A03Rik, Il34
物种	Mouse
表达宿主	E.coli
序列信息	MNENLEIWTLTQDKECDLTGYLRGKLQYKNRLQYMKHYFPINYRIAVPYE GVLRVANITRLQKAHVSERELRYLWVLVSLNATESVMDVLLEGHPSWKYL QEVQTLLENVQRS LMDVEIGPHVEAVLSLLSTPGLSLKLVRPKALLDNCFR VMELLYCSCCKQSPILKWQDCELPRLHPHSPGSLMQCTATNVYPLSRQTPT SLPGSPSSSHGSLP with polyhistidine tag at the C-t
检索号	Q8R1R4.1
分子量	25.52 kDa
标签	His-tag at the C-terminus
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 x 10 ⁴ 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 1X PBS, pH 7.4.



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

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.

SDS-PAGE

