

IL-1 β /IL1B1/IL1B, Swine, Recombinant

货号 : PCK341

产品信息

别名 IL1B1, IL1B

物种 Swine

表达宿主 E.coli

序列信息 MANVQSMECKLQDKDHKSLVLAGPHMLKALHLLTGDLKREVVFCMSFVQ
GDDSNNKIPVTLGIKGNLYLSCVMKDNTPTLQLEDIDPKRYPKRDMEKRF
VFYKTEIKNRVEFESALYPNWIYISTSQAEQKPVFLGNSKGRQDITDFTMEVL
SP with polyhistidine tag at the C-terminus.

检索号 P26889.1

分子量 18.51 kDa

标签 His-tag at the C-terminus

生物活性 Measure by its ability to induce D10.G4.1 cells proliferation. The ED50 for this effect is 3 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 μ g 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 μ m 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 $\mu\text{g/mL}$. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Interleukin 1 beta (IL-1 β) also known as leukocytic pyrogen, leukocytic endogenous mediator, mononuclear cell factor, lymphocyte activating factor and other names, is a cytokine protein that in humans is encoded by the IL1B gene. There are two genes for interleukin-1 (IL-1): IL-1 alpha and IL-1 beta (this gene). IL-1 β precursor is cleaved by cytosolic caspase 1 (interleukin 1 beta convertase) to form mature IL-1 β .

SDS-PAGE

