

IL-6/IFN-β2/BSF-2/HPGF/HSF, Mouse, Recombinant**Cat. No. : GPCK262****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	MFPTSQVRRGDFTEITPNRPVYTTSQVGGLITHVLWEIVEMRKELCNGNSDCMNDDALA ENNKLPEIQRNDGICYQTGYNQEICLLKISSGLLEYHSYLEYMKNNLKDNNKKDKARVLQRDTE TLIHIFNQEVKDLHKIVLPTPISNALLTDKLESQKEWLRTKTIQFILKSLEEFKVTLRSTRQT with polyhistidine tag at the C-terminus.
检索号	P08505.1
标签	His-tag at the C-terminus
分子量	22.7 kDa
有效期	12 months
生物活性	Measure by its ability to induce proliferation in 7TD1 cells. The ED50 for this effect is < 0.01 ng/mL. The specific activity of recombinant mouse IL-6 is approximately > 1× 10 ⁸ 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 8.0.
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 6 (IL-6) is an interleukin that acts as both a pro-inflammatory cytokine and an anti-inflammatory myokine. In humans, it is encoded by the IL6 gene. In addition, osteoblasts secrete IL-6 to stimulate osteoclast formation. Smooth muscle cells in the tunica media of many blood vessels also produce IL-6 as a pro-inflammatory cytokine. IL-6's role as an anti-inflammatory myokine is mediated through its inhibitory effects on TNF-alpha and IL-1, and activation of IL-1ra and IL-10.

