

IL-23 p19/IL-23/IL-23A/SGRF, Human, Recombinant**Cat. No. : GPCK278****产品信息**

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| 物种 | Human |
| 表达宿主 | E.coli |
| 序列信息 | RAVPGGSSPAWTQCQQLSQKLCTLAWSAHPLVGHMDLREEGDEETTNDVPHIQCGDGCDP QGLRDNSQFCLQRIHQGLIFYEKLLGSDIFTGEPSLLPDSPVGQLHASLLGLSPLLQPEGHHWE TQQIPSLSPSQPWQRLLLRFKILRSLQAFVAVAAARVFAHGAATLSP with polyhistidine tag at the N-terminus. |
| 检索号 | Q9NPF7.1 |
| 标签 | His-tag at the N-terminus |
| 分子量 | 19.49 kDa |
| 有效期 | 12 months |
| 生物活性 | Measured by its ability to induce IL-17 secretion in mouse splenocytes. The ED50 for this effect is < 0.5 ng/mL. |

产品特性

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| 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

IL-23 is an important part of the inflammatory response against infection. It promotes upregulation of the matrix metalloprotease MMP9, increases angiogenesis and reduces CD8+ T-cell infiltration into tumours. IL-23 mediates its effects on both innate and adaptive arms of the immune system that express the IL-23 receptor. Th17 cells represent the most prominent T cell subset that responds to IL-23, although IL-23 has been implicated in inhibiting the development of regulatory T cell development in the intestine. Th17 cells produce IL-17, a proinflammatory cytokine that enhances T cell priming and stimulates the production of other proinflammatory molecules such as IL-1, IL-6, TNF-alpha, NOS-2, and chemokines resulting in inflammation.

