

CCL4/MIP-1 β /ACT-2, Human, Recombinant

货号 : PCK296

产品信息

别名	MIP-1b: Macrophage Inflammatory Protein-1 β , ACT-2
物种	Human
表达宿主	E.coli
序列信息	APMGSDPPTACCFSTARKLPHNFVVDYYETSSLCSQPAVVFQTKRGKQVC ADPSESWWQEYVYDLELN.
检索号	P13236.1
分子量	7.75 kDa
标签	tag-free
生物活性	Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED50 for this effect is <10 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 50 mM Tris and 150 mM NaCl, pH 8.5.



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

CCL4 act as an important pro-inflammatory cytokine during acute and chronic inflammatory responses. CCL4 also play a role as an attractant NK cells, dendritic cells, monocytes, and lymphocytes to sites of injury and inflammation. As CCL4 conducts signaling through G-protein-coupled receptor CCR5, which is a major co-receptor for M-tropic HIV strains. Thus, binding of CCL4 to CCR5 inhibits HIV entry and reduces the cell surface expression of CCR5. CCL4 has been identified as one of the major anti-HIV factors produced by CD8+ T cells.

SDS-PAGE

