

IL-16/LCF, Human, Recombinant

货号 : PCK175

产品信息

别名	LCF (Lymphocyte Chemoattractant Factor)
物种	Human
表达宿主	E.coli
序列信息	MPDLNSSTDSAASASAASDVSVESTEATVCTVTLEKMSAGLGFSLEGGKGS LHGDKPLTINRIFKGAASEQSETVQPGDEILQLGGTAMQGLTRFEAWNIKA LPDGPVTIVIRRKSLQSKETTAAGDS with polyhistidine tag at the C-terminus.
检索号	Q14005
分子量	14.12 kDa
标签	His-tag at the C-terminus

产品特性

纯度	>95% 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 8.0.



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 16 (IL-16) is a cytokine that is released by a variety of cells (including lymphocytes and some epithelial cells) that has been characterized as a chemoattractant for certain immune cells expressing the cell surface molecule CD4. The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins.

SDS-PAGE

