

## CXCL5/ENA-78, Mouse, Recombinant

货号 : PCK337

### 产品信息

别名	Epithelial Neutrophil Activating Peptide-78, ENA-78, AMCF, AMCF-II, Cxcl, Cxcl6, GCP-, GCP-2, L, LIX, Scyb, Scyb5, Scyb6
物种	Mouse
表达宿主	E.coli
序列信息	VIAATELRCVCLTVTPKINPKLIANLEVIPAGPQCPTVEVIAKLKNQKEVCLDPEAPVIKKIIQKILGSDKKKA with polyhistidine tag at the N-terminus.
检索号	P50228.2
分子量	10.62 kDa
标签	His-tag at the N-terminus
生物活性	Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED50 for this effect is <100 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 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 7.4.



## 复融

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

The protein encoded by this gene, Chemokine (C-X-C motif) ligand 5 (CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). It is observed that, CXCL5 also expresses in eosinophils, and can interact with the type II interferon IFN- $\alpha$ , thereby cause an inhibition. This chemokine stimulates the chemotaxis of neutrophils possesses angiogenic properties, and elicits these effects by interacting with the cell surface chemokine receptor CXCR2.

## SDS-PAGE

