

**CHASELECTION****Recombinant Mouse CCL20/MIP-3A****货号(Catalog Number):** CY139FXXXX(L)**别名(synonym):** C-C motif chemokine 20; CCL20; chemokine (C-C motif) ligand 20; CKb4; exodus-1; LARC**来源(Source):** Human embryonic kidney cell, HEK293-derived mouse mCCL20/MIP-3A protein**蛋白结构 (Structure):**

该蛋白不含标签

**基因 ID:** O89093**氨基酸序列:**

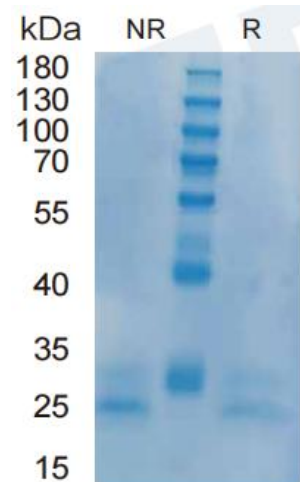
Ala27-Met96

**分子量大小(MW):**

8.0 kDa

**纯度 (Purity):**

&gt; 95%, determined by SDS-PAGE

**SDS-PAGE**

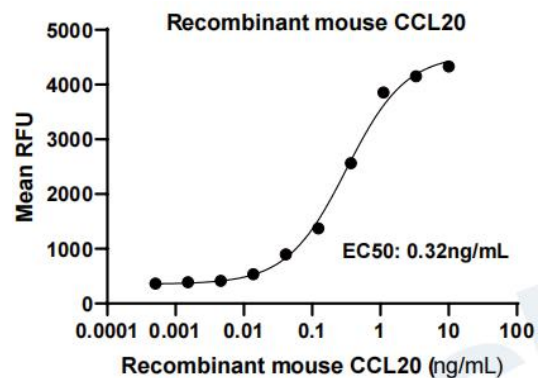
4 ug/lane protein was resolved with SDS-PAGE under non-reducing (NR) and reducing (R) conditions and visualized by Coomassie Blue staining.

**内毒素含量(Endotoxin):** <0.010 EU per 1 ug of the protein by the LAL method**制剂(Formulation):**

Solution protein.

Dissolved in sterile PBS buffer .

This solution can be diluted into other aqueous buffers. Centrifuge the vial prior to opening.

**活性检测 (Biological Activity):**

Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR6.

**储存与运输(Storage):**

Avoid repeated freeze-thaw cycles.

It is recommended that the protein be aliquoted for optimal storage.

36 months from date of receipt, -20 to -70 as supplied.

**产品背景介绍 (Production):**

CCL20, also known as LARC (Liver and Activation-regulated Chemokine) and as Exodus, is one of many novel beta chemokines identified through bioinformatics. Mouse MIP-3 alpha cDNA encodes a 97 amino acid residue precursor protein with a 27 aa residue putative signal peptide that is predicted to be cleaved to form the 70 aa residue mature secreted protein. MIP-3 alpha is distantly related to other beta chemokines (20 - 28% aa sequence identity). Mouse MIP-3 alpha shares approximately 71 and 63% amino acid sequence homology with rat and human MIP-3 alpha, respectively. MIP-3 alpha has been shown to be expressed predominantly in lymph nodes, appendix, PBL, fetal liver, fetal lung, and epithelial cells of intestinal tissues. The expression of MIP-3 alpha is strongly up-regulated by inflammatory signals and down-regulated by the anti-inflammatory cytokine IL-10. Synthetic or recombinant MIP-3 alpha has been shown to be chemotactic for lymphocytes and dendritic cells, and inhibits proliferation of myeloid progenitors



上海逐典生物科技有限公司

上海市闵行区东川路 555 号丙楼 3037 室

www.chaselection.com

in colony formation assays. MIP-3 alpha has now been

shown to be a unique functional ligand for CCR-6 (previously referred to as GPR-CY4, CKR-L3, or STRL22 orphan receptor), a chemokine receptor that is selectively and highly expressed in human dendritic cells derived from CD34<sup>+</sup> cord blood precursors.

