BioVision

For research use only

LIX (CXCL6), Murine Recombinant

CATALOG NO: P1293-5, 20   5 µg, 20 µg

ALTERNATE NAMES: CXCL6, GCP-2 (human), Granulocyte Chemotactic Protein-2

SOURCE: E.coli

PURITY: ≥ 98% by SDS-PAGE analyses

MOL. WEIGHT: 9.8 kDa

FORM: Lyophilized

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

BIOLOGICAL ACTIVITY: Determined by its ability to chemoattract human neutrophils using a concentration range of 10-100 ng/ml

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to aliquot and store at -20°C to -80°C.

DESCRIPTION: LIX is a CXC chemokine that signals through the CXCR2 receptor. It is expressed in monocytes, platelets, endothelial cells, and mast cells. LIX is a chemoattractant for neutrophils. The two naturally occurring variants of LIX; LIX 1-78 (GCP-2) and LIX 9-78 (GCP-2), contain 78 and 70 amino acid residues, respectively. LIX contains the four conserved cysteine residues present in CXC chemokines, and also contains the 'ELR' motif common to CXC chemokine that bind to the CXCR1 and CXCR2 receptors. Recombinant murine LIX is a 9.8 kDa protein containing 92 amino acid residues.

RELATED PRODUCTS:

- CXCL4, Human Recombinant **(Cat. No. 7346)**
- CXCL2, Human Recombinant **(Cat. No. 7306)**
- CXCL10/IP-10/CRG-2, human recombinant **(Cat. No. 4277)**
- CXCL14/BRAK, human recombinant **(Cat. No.4278)**
- CXCL16, Human Recombinant **(Cat. No. 7130)**
- CXCL17, Human Recombinant **(Cat. No. 7345)**
- GCP-2 (CXCL6), human recombinant **(Cat. No. 7153)**
- IP-10, human recombinant **(Cat. No. 4200)**
- MIG/CXCL9, murine recombinant **(Cat. No. 7172)**
- PF-4/CXCL4, murine recombinant **(Cat. No. 7187)**
- SDF-1beta (CXCL12), murine recombinant **(Cat. No. 4391)**
- SDF-1β/CXCL2, rat recombinant **(Cat. No. 7200)**

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