

Recombinant Rat IP-10 (CXCL10)
Catalog # PBG10255**Specification**

Recombinant Rat IP-10 (CXCL10) - Product Information**Recombinant Rat IP-10 (CXCL10) - Additional Information****Description**

IP-10 is a CXC chemokine that signals through the CXCR3 receptor. IP-10 selectively chemoattracts Th1 lymphocytes and monocytes, and inhibits cytokine-stimulated hematopoietic progenitor cell proliferation. Additionally, it is angiostatic and mitogenic for vascular smooth muscle cells. Recombinant rat IP-10 is an 8.6 kDa protein consisting of 77 amino acids including the four conserved cysteine residues present in CXC chemokines.

Biological Activity

Determined by its ability to chemoattract hCXCR3/HEK293 cells using a concentration range of 10.0-50.0 ng/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Rat IP-10 (CXCL10) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Rat IP-10 (CXCL10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant Rat IP-10 (CXCL10) - Images

