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Recombinant Human BRAK (CXCL14)

Catalog # PBG10049

Specification

Recombinant Human BRAK (CXCL14) - Product Information

Recombinant Human BRAK (CXCL14) - Additional Information

Description
Breast and Kidney-expressed chemokine (BRAK) is a CXC chemokine expressed in normal tissue in the absence of inflammatory stimuli, and infrequently expressed in cancer cell lines. BRAK is known to be a highly selective monocyte chemoattractant. However, main function and receptor selectivity is unknown at this time. BRAK contains the four highly conserved cysteine residues present in CXC chemokines. The sequence of the mature protein consists of 87 amino acid residues, and is approximately 30% homologous to the sequences of MIP-2 α and β. Recombinant human BRAK is a 9.4 kDa protein containing 77 amino acid residues.

BiologicalActivity
Determined by it's ability to chemoattract activated monocytes using a concentration range of 1.0-10.0 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 Human BRAK (CXCL14) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human BRAK (CXCL14) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

Recombinant Human BRAK (CXCL14) - Images