

BRAK Mouse

BRAK (CXCL14) Mouse Recombinant
CHK0007

Product Overview

Name BRAK Mouse

Description

BRAK (CXCL14) Mouse Recombinant

Accession (Primary) [Q9WUQ5](#)

Synonyms

C-X-C motif chemokine 14, B-cell and monocyte-activating chemokine, Chemokine BRAK, Kidney-expressed chemokine CXC, MIP-2G, Small-inducible cytokine B14, Cxcl14, Bmac, Kec, Ks1, Mip2g, Scyb14, BRAK, NJAC, AI414372, bolekin, MIP2gamma, 1110031L23Rik, 1200006I23Rik.

Introduction

CXCL14 is involved in immunoregulatory and inflammatory processes. BRAK protein is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. CXCL14 displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. CXCL14 is involved in the homeostasis of monocyte-derived macrophages.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

CXCL14 was lyophilized from a 0.2 µm filtered concentrated solution in 30% Acetonitrile and 0.1% TFA.

Stability

Lyophilized CXCL14 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL14 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Purity

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Amino acid sequence

SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIITTKS MSRYRGQEHK LHPKLQSTKR FIKWYNWNE
KRRVYEE.

Biological Activity

Determined by its ability to chemoattract activated monocytes using a concentration range of 1.0-10.0 ng/ml.

Solubility

It is recommended to reconstitute the lyophilized CXCL14 in sterile 18M-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

BRAC Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([Q9WUQ5](#))