



Rat BRAK / CXCL14

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.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1220.970.005		
20 µg	1220.970.020		
1 mg	1220.970.199		

Please enquire for bulk quantities and other vial sizes.

Description

CXCL14 Rat Recombinant produced in *E.Coli* is a single, non-glycosylated, Polypeptide chain containing 77 amino acids and having a molecular mass of 9.4 kDa.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** CXCL14 was lyophilized from a 0.2µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

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

Reconstitution

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

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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIITTKS MSRYRGQEH LHPKLQSTKR FIKWYNWNE
KRRVYEE

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.