Mouse BRAK Recombinant Protein

RPPB1104

Product Information

Product SKU:
RPPB1104

Accession:
Q9WUQ5

Host:
Escherichia Coli.

Protein Information

Protein description:
CXCL14 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 77 amino acids and having a molecular mass of 9.4kDa.The CXCL14 is purified by proprietary chromatographic techniques.

Appearance:
Sterile Filtered White lyophilized (freeze-dried) powder.

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, bolekine, MIP2gamma, 1110031L23Rik, 1200006I23Rik.

Formulation:
CXCL14 was lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, pH 7.4 and 500mM NaCl.

Purity:
Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:
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 prevent freeze-thaw cycles.

Amino Acid Sequence:
SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIVTTKS MSRYRGQEHC LHPKLQSTKR FIKWYNAWNE KRRVYEE.

Biological Activity:
The ED50 of CXCL14 as determined by its ability to chemoattract activated monocytes using a concentration range of 1.0-10.0 ng/ml.