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32-1857: mBRAK Recombinant Protein

Alternative Name :	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,

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	CXCL14 was lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4 and 500mM NaCl.
Storage condition :	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 :	SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIVTTKS MSRYRGQEHC LHPKLQSTKR FIKWYNAWNE KRRVYEE.

Application Note

It is recommended to reconstitute the lyophilized CXCL14 in sterile 18M-cm H2O not less than 100Ã‚Âµg/ml, which can then be further diluted to other aqueous solutions. The ED50 of CXCL14 as determined by its ability to chemoattract activated monocytes using a concentration range of 1.0-10.0 ng/ml.