ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

BRAK (CXCL14) Mouse Recombinant

Item Number	rAP-0117
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, 1200
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.
Uniprot Accesion Number	Q9WUQ5
Amino Acid Sequence	SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIVTTKS MSRYRGQEHC LHPKLQSTKR FIKWYNAWNE KRRVYEE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	CXCL14 was lyophilized from a 0.2μm filtered concentrated solution in 20mM PB, pH 7.4 and 500mM NaCl. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
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.
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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