

BRAK Recombinant Protein | BRAK His recombinant protein

Recombinant Human BRAK (CXCL14), His Tag

CATALOG # AAA38580	HOST E Coli
------------------------------	-----------------------

PRODUCT SYNONYMS

BRAK; Recombinant Human BRAK (CXCL14); His Tag; BRAK Human; His; BRAK Human Recombinant (CXCL14); His-Tag; C-X-C motif chemokine 14; Small-inducible cytokine B14; Chemokine BRAK; Bolekine; NJAC; KS1; Kec; BMAC; MIP-2g; SCYB14; CXCL14; MGC10687; BRAK His recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	CXCL14 filtered (0.4 um) and lyophilized from a concentrated (0.5mg/ml) solution containing 20mM Tris buffer & 20mM NaCl pH-7.5. Filtered White lyophilized (freeze-dried) powder.
Sequence	MKHHHHHHAS SKCKSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIITTKS VSRYRGQEHCLHPKLQSTKR FIKWYNWNE KRRVYEE
Sequence Length	111
Solubility	It is recommended to reconstitute the lyophilized CXCL14 in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation and Storage	Lyophilized BRAK although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BRAK should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for BRAK His recombinant protein	Description: CXCL14 Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 88 amino acids and having a molecular mass of 10.66 kDa. The Human BRAK contains a 10 a.a. fusion His tag at N-Terminus. The BRAK is purified by proprietary chromatographic techniques. 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.
Product Categories/Family for BRAK His recombinant protein	Chemokines; BRAK (CXCL14)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149565
NCBI GeneID	9547
NCBI Accession #	NP_004878.2
NCBI GenBank Nucleotide #	NM_004887.4
UniProt Accession #	O95715; Q6UW97; Q86U69; Q9BTR1; Q9NS21; B3KQU8

Molecular Weight	13,078 Da
NCBI Official Full Name	C-X-C motif chemokine 14
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 14
NCBI Official Symbol	CXCL14
NCBI Official Synonym Symbols	KEC; KS1; BMAC; BRAK; NJAC; MIP2G; MIP-2g; SCYB14
NCBI Protein Information	C-X-C motif chemokine 14; CXC chemokine in breast and kidney; MIP-2 gamma; bolekin; chemokine BRAK; small inducible cytokine subfamily B (Cys-X-Cys), member 14 (BRAK); small-inducible cytokine B14; tumor-suppressing chemokine
UniProt Protein Name	C-X-C motif chemokine 14
UniProt Gene Name	CXCL14
UniProt Synonym Gene Names	MIP2G; NJAC; SCYB14
UniProt Entry Name	CXL14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cxcl14-recombinant-protein-e-coli/38580>