9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# BRAK Human, His

*BRAK Human Recombinant (CXCL14), His-Tag*
*CHK0006*

## Product Overview

| | |
|---|---|
| Name | BRAK Human, His |
| **Description** | |
| BRAK Human Recombinant (CXCL14), His-Tag | |
| Accession (Primary) | O95715 |
| **Synonyms** | |
| C-X-C motif chemokine 14, Small-inducible cytokine B14, Chemokine BRAK, Bolekine, NJAC, KS1, Kec, BMAC, MIP-2g, SCYB14, CXCL14, BRAK, MGC10687. | |
| **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. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Filtered White lyophilized (freeze-dried) powder. | |
| **Formulation** | |
| CXCL14 filtered (0.4 µm) and lyophilized from a concentrated (0.5mg/ml) solution containing 20mM Tris buffer & 20mM NaCl pH-7.5. | |
| **Stability** | |
| 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. | |
| **Purity** | |
| Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. | |
| **Amino acid sequence** | |
| MKHHHHHHAS SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIITTKS VSRYRGQEHC LHPKLQSTKR FIKWYNAWNE KRRVYEE. | |

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**Solubility**

It is recommended to reconstitute the lyophilized CXCL14 in sterile 18MΩ-cm H2O not less than 100 µg/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.

**Precautions**

BRAK Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( O95715 )