

TECHNICAL DATA SHEET

Recombinant Human CXCL14 (BRAK) (Carrier-free)

Catalog Number: 21-7044

RPx-Pro™ Recombinant Protein

PRODUCT INFORMATION

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Recombinant Human CXCL14 (BRAK) (Carrier-free)

DESCRIPTION

CXCL14 is a CXC chemokine family member that is involved in immunoregulatory and inflammatory processes. CXCL14 exhibits chemotactic activity for monocytes.

MOLECULAR MASS

Recombinant human BRAK is a 9.4 kDa protein containing 77 amino acid residues.

AMINO ACID SEQUENCE

SKCKCSRKGP KIRYS DVKLL EMKPKYPHCE EKMVIITTKS VSRYRGQEHCLHPKLQSTKR FIKWYNWNE KRRVYEE

SOURCE

E. coli

APPLICATIONS

Bioassay

PURITY

98 %

STORAGE

-20°C

PROTEIN CONTENT

Content Verified by UV Spectroscopy and/or SDS-PAGE

ENDOTOXIN LEVEL

Endotoxin level is <0.1 ng/μg of protein (<1 EU/μg).

AUTHENTICITY

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

CROSS REACTIVITY

Mouse

BIOACTIVITY

Determined by it's ability to chemoattract activated monocytes using a concentration range of 1.0-10.0 ng/ml.

RESEARCH AREAS

Cancer; Chemotaxis; Wound Healing

RECONSTITUTION

See Certificate of Analysis (COA) for lot specific reconstitution information.

REFERENCES

Frederick MJ, Henderson Y, Xu X, Deavers MT, Sahin AA, Wu H, Lewis DE, El-Naggar AK, Clayman GL. 2000. Am J Pathol. 156(6): 1937-1950. Kurth I, Willmann K, Schaerli P, Hunziker T, Clark-Lewis I, Moser B. 2001. J Exp Med. 194(6): 855-861.

Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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