

Recombinant Mouse CXCL14/BRAK Protein

Catalog No.: RP03525 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	57266	Q9WUQ5

Tags
NO-Tag

Synonyms

C-X-C motif chemokine 14; Cxcl14;
Bmac; Kec; Ks1; Mip2g; Scyb14

Product Information

Source	Purification
<i>E. coli</i>	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
9.4 kDa	5-18 kDa

Endotoxin
Please contact us for more information.

Formulation
Lyophilized from sterile 100mM Na₂HPO₄, 1 M NaCl, pH 6.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

	400-999-6126
	cn.market@abclonal.com.cn

Background

CXCL14 is a CXC chemokine family that exhibits antimicrobial activity and contains an amphipathic cationic alpha-helical region in the C-terminus, a characteristic structure of antimicrobial peptides (AMPs). CXCL14 is involved in cell recruitment, migration, activation, and homing in liver diseases and have been shown to be upregulated during acute liver injury in animal models. The CXC chemokine ligand 14 (CXCL14) had been shown highly expressed in tumor-associated stromal cells, promoting tumor cell growth, and invasion.

Basic Information

Description

Recombinant Mouse CXCL14/BRAK Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ser23-Glu99) of Mouse CXCL14/BRAK(NP_062514.2) fused with No tag .

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

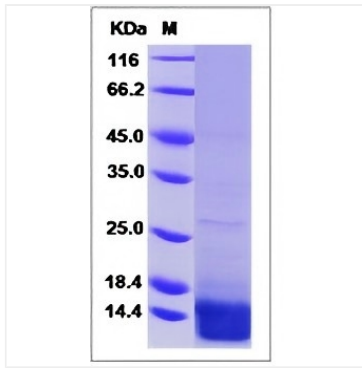
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Mouse CXCL14/BRAK Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.