

Recombinant Mouse CXCL14/BRAK Protein

Catalog No.: RP03525

Sequence Information

Species **Gene ID**
Mouse 57266

Swiss Prot **Tags**
Q9WUQ5 NO-Tag

Synonyms

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

Product Information

Source **Purification**
E. coli ≥ 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.

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 show 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 .

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

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

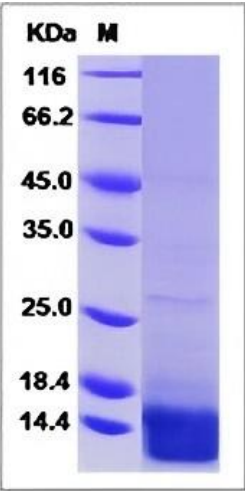
Contact

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Validation Data



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