

**Catalog No.: RP03259** **Recombinant**

Species	Gene ID	Swiss Prot
Mouse	20311	P50228

## C-His

C-X-C motif chemokine 5; Cxcl5; Scyb5

<b>Source</b>	<b>Purification</b>
Yeast	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
9.4 kDa	10 kDa

Please contact us for more information.

Lyophilized from a 0.22  $\mu$ m filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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.

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

CXCL5 is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils, to promote angiogenesis and to remodel connective tissues. This protein is thought to play a role in cancer cell proliferation, migration, and invasion.

Recombinant Mouse CXCL5/ENA-70 Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Val45-Ala118) of Mouse CXCL5/ENA-70 (Accession #NP\_033167.2) fused with His tag at the C-terminus.

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

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

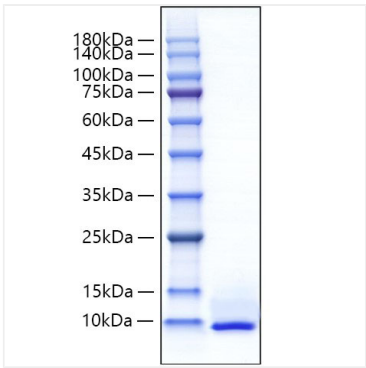
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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

## Validation Data

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Recombinant Mouse CXCL5/ENA-70 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.