

Recombinant Human CXCL5/ENA-70 Protein

Catalog No.: RP00351

Sequence Information

Species **Gene ID**
Human 6374

Swiss Prot **Tags**
P42830 C-His

Synonyms
CXCL5,ENA-78,SCYB5

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
9.21 kDa 15–20 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL
method.

Formulation
Lyophilized from a 0.2 μm filtered
solution of 20 mM Sodium Citrate,
150 mM NaCl, pH5.0.

Reconstitution
Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water.

Background

This protein belongs to a protein that 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.

Basic Information

Description

Recombinant Human CXCL5/ENA-70 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala37–Asn114) of human CXCL5/ENA-70 (Accession #P42830) fused with a His tag at the c-terminus.

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.

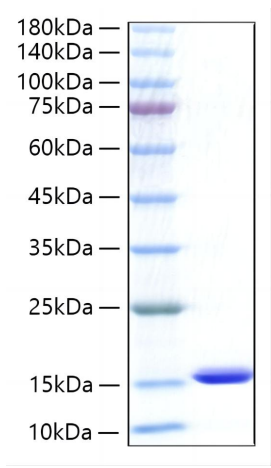
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Validation Data



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