

Recombinant Human CXCL5/ENA-70 Protein

Catalog No.: RP00351 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	6374	P42830

Tags

C-His

Synonyms

CXCL5;ENA-78;SCYB5

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

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.

Bio-Activity

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.

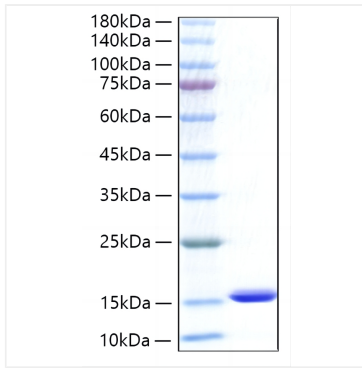
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Validation Data



Recombinant protein Human CXCL5/ENA-70 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 15-25 kDa.