Product Name: Recombinant Human CXCL5
Catalog #: PEH0477

Summary

Name	CXCL5/ENA-78
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human C-X-C Motif Chemokine 5 is produced by our E.coli expression system and the target gene encoding Leu44-Asn114 is expressed.
Accession #	P42830
Host	E.coli
Species	Human
Predicted Molecular Mass	7.95 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate，8% Trehalose，4% Mannitol，50mM NaCl，0.05% Tween 80，pH 5.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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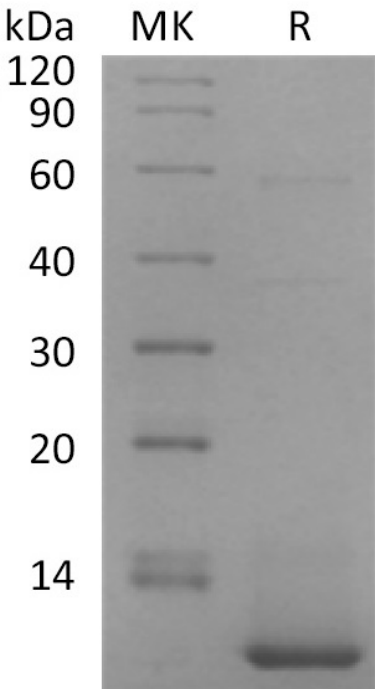

Alternative Names

C-X-C Motif Chemokine 5; ENA-78 (1-78); Epithelial-Derived Neutrophil-Activating Protein 78; Neutrophil-Activating Peptide ENA-78; Small-Inducible Cytokine B5; ENA-78 (8-78); ENA-78 (9-78); CXCL5; ENA78; SCYB5

Background

C-X-C Motif Chemokine 5 (CXCL5) is a member of the Intercrine Alpha (Chemokine CXC) family. CXCL5 can be cleaved into the following two chains, ENA-78 (8-78) and ENA-78 (9-78). In vitro, ENA-78(8-78) and ENA-78 (9-78) show a threefold higher chemotactic activity for neutrophil granulocytes. CXCL5 is a secreted protein and exercises the functions primarily through interactions with CXCR2. The upregulation of CXCL5 contributes to increased vascularization, tumor grown, and metastasis in many cancers.

Note

For Research Use Only , Not for Diagnostic Use.