

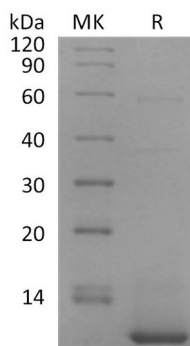
**Product Name: Recombinant Human CXCL5**  
**Catalog #: PEH0477**



## Summary

<b>Name</b>	CXCL5/ENA-78
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	P42830
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	7.95 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 8% Trehalose, 4% Mannitol, 50mM NaCl, 0.05% Tween 80, pH 5.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	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



## Background

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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 Interleukin 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 growth, and metastasis in many cancers.

**Note**

For Research Use Only , Not for Diagnostic Use.