



[Go to Product page](#)

Datasheet for ABIN1691969
CXCL5 Protein (AA 44-114)

Overview

Quantity:	50 µg
Target:	CXCL5
Protein Characteristics:	AA 44-114
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human C-X-C Motif Chemokine 5/CXCL5
Sequence:	MLRELRCVCL QTTQGVHPKM ISNLQVFAIG PQCSKVEVVA SLKNGKEICL DPEAPFLKKV IQKILDGGNK EN
Characteristics:	Recombinant Human C-X-C Motif Chemokine 5/CXCL5 is produced with our E. coli expression system. The target protein is expressed with sequence (Leu44-Asn114) of Human CXCL5.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CXCL5
Alternative Name:	CXCL5 (CXCL5 Products)

Target Details

Background: C-X-C Motif Chemokine 5 (CXCL5) is a member of the Interkrine 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.

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

Molecular Weight: 7.95 kDa

UniProt: [P42830](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, pH 6.0.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 3 months