

## 32-8133: Recombinant Human C-X-C Motif Chemokine 5/CXCL5

**Gene :** CXCL5  
**Gene ID :** 6374  
**Uniprot ID :** P42830

### Description

Source: E. coli.  
MW :7.95kD.

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. 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 growth, and metastasis in many cancers.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, pH 6.0.  
**Storage condition :** 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.  
**Amino Acid :** MLRELRCVCLQTTQGVHPKMISNLQVFAIGPQCSKVEVVASLKNNGKEICLDPEAPFLKKVIQKILDGGNKEN

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.