

## 32-7049: Recombinant Human C-X-C Motif Chemokine 14/CXCL14

**Gene :** CXCL14

**Gene ID :** 9547

**Uniprot ID :** O95715

### Description

Source: E.coli.

MW :9.4kD.

Recombinant Human C-X-C Motif Chemokine 14 is produced by our E.coli expression system and the target gene encoding Ser35-Glu111 is expressed. Human Chemokine (C-X-C Motif) Ligand 14 (CXCL14) is constitutively expressed in certain normal tissues but is reduced or absent from many established tumor cell lines and human cancers. CXCL14 is known to be a chemoattractant for monocyte and dendritic cells. CXCL14 inhibits angiogenesis and exhibits antimicrobial activities. Mature human and mouse CXCL14 differ by only 2 amino acid residues.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 1M NaCl, pH 8.5.

**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 :** SKCKCSRKGPKIRYSDVKKLEMKPKYPHCEEKMWITTKSVSRYRGQEHCLHPKLQSTKRFIKWYNAWNEKRRVYEE

### 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.

**Biological Activity :** ED50 is 1.0-10.0 ng/ml.