

## 32-7046: Recombinant Human C-X-C Motif Chemokine 10/CXCL10

**Gene :** CXCL10

**Gene ID :** 3627

**Uniprot ID :** P02778

### Description

Source: E.coli.

MW :8.6kD.

Recombinant Human C-X-C Motif Chemokine 10 is produced by our E.coli expression system and the target gene encoding Val22-Pro98 is expressed. Human C-X-C Motif Chemokine Ligand 10 (CXCL10) is a non-ELR chemokine secreted by various cell types, such as monocytes, endothelial cells and fibroblasts, in response to IFN-gamma. CXCL10 functions via chemokine receptor CXCR3. CXCL10 has been attributed to several roles, such as chemoattraction for activated T-lymphocytes, inhibition of angiogenesis, and antitumor activity.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.0.

**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 :** VPLSRTVRCTCISISNQPVNPRSLEKLEIIPASQFCPRVEIATMKKKGEKRCLNPESKAIKNLLKAVSKERSKRSP

### 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 0.02-0.06 µg/mL.