

# Cynomolgus CXCL10 Protein

Cat. No. CXL-CE110



## Description

|                         |  |
|-------------------------|--|
| <b>Source</b>           | Recombinant Cynomolgus CXCL10 Protein is expressed from E.coli with His tag at the N-Terminus.<br>It contains Thr27-Lys91. |
| <b>Accession</b>        | XP_005555067.1   |
| <b>Molecular Weight</b> | The protein has a predicted MW of 8.36 kDa. The protein migrates to 12-14 kDa based on Tris-Bis PAGE result.               |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE   |

## Formulation and Storage

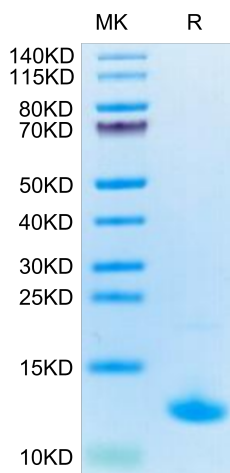
|                       |  |
|-----------------------|--|
| <b>Formulation</b>    | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.  |
| <b>Reconstitution</b> | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.   |
| <b>Storage</b>        | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

## Background

C-X-C motif ligand 10 (CXCL10), or interferon-inducible protein-10, is a small chemokine belonging to the CXC chemokine family. Its members are responsible for leukocyte trafficking and act on tissue cells, like endothelial and vascular smooth muscle cells. CXCL10 is secreted by leukocytes and tissue cells and functions as a chemoattractant, mainly for lymphocytes.

## Assay Data

### Tris-Bis PAGE



Cynomolgus CXCL10 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.