

Rev03  
 Update: Aug,08,2025

**DATASHEET**

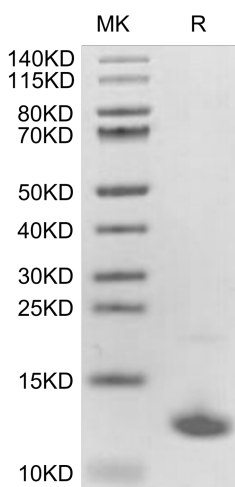
# CXCL10, His, Cynomolgus

Cat. No.: Z04775

## Product Introduction

<b>Species</b>	Cynomolgus				
<b>Protein Construction</b>	<table border="1"> <tr> <td>His</td> <td>CXCL10 (Thr27-Lys91) Accession # XP_005555067.1</td> </tr> <tr> <td>N-term</td> <td>C-term</td> </tr> </table>	His	CXCL10 (Thr27-Lys91) Accession # XP_005555067.1	N-term	C-term
His	CXCL10 (Thr27-Lys91) Accession # XP_005555067.1				
N-term	C-term				
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE				
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.				
<b>Expression System</b>	E.coli				
<b>Theoretical Molecular Weight</b>	8.36 kDa				
<b>Apparent Molecular Weight</b>	The protein migrates to 12-14 kDa based on Bis-Tris PAGE result.				
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).				
<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 &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.				

## Examples



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

## Background

**Target 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.

**Synonyms :** C-X-C motif chemokine 10; IP-10; CXCL10(1-73); CXCL10; INP10; SCYB10; C7; crg-2; gIP-10; IFI10;

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