

Cynomolgus IL-8/CXCL8 Protein

Cat. No. IL8-HM108

Description

| | |
|-------------------------|---|
| Source | Recombinant Cynomolgus IL-8/CXCL8 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Ala23-Pro100. |
| Accession | A0A2K5TUL7 |
| Molecular Weight | The protein has a predicted MW of 10.12 kDa. Due to glycosylation, the protein migrates to 12-14 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE |

Formulation and Storage

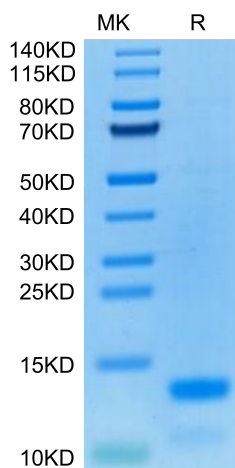
| | |
|--------------------|--|
| Formulation | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label. |
| Storage | Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles. |

Background

Interleukin-8 (IL-8) has been revealed as a critical regulator of CNS function and development with participation in many CNS disorders including gliomas. Several promising approaches that target directly or indirectly IL-8 effects in gliomas are currently in progress while more-in-depth studies are needed to validate its biomarker role and elucidate the underlying molecular mechanisms.

Assay Data

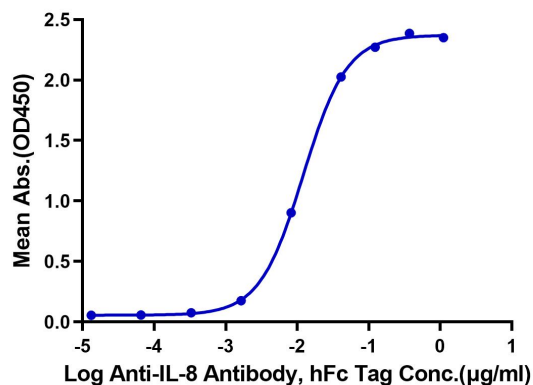
Tris-Bis PAGE



Cynomolgus IL-8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Cynomolgus IL-8, His Tag ELISA
0.1 μg Cynomolgus IL-8, His Tag Per Well



Immobilized Cynomolgus IL-8, His Tag at 1 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the plate. Dose response curve for Anti-IL-8 Antibody, hFc Tag with the EC50 of 12.2ng/ml determined by ELISA.