

Biotinylated Human CXCL4 Protein

Cat. No. CXC-HM4L4B

Description

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|-------------------------|--|
| Source | Recombinant Biotinylated Human CXCL4 Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus. It contains Glu32-Ser101. |
| Accession | NP_002610.1 |
| Molecular Weight | The protein has a predicted MW of 10.68 kDa. The protein migrates to 13 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE |

Formulation and Storage

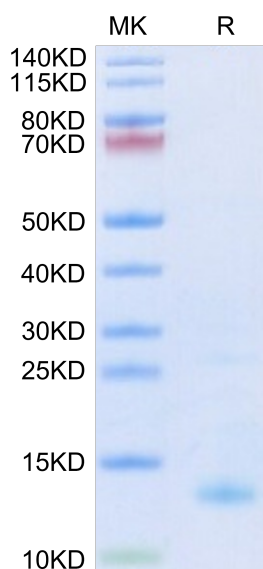
| | |
|--------------------|--|
| Formulation | Supplied as 0.22µm filtered solution in 4mM HCl (pH 3.0). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Chemokines regulate leukocyte migration during physiological and pathological conditions. It is currently accepted that these chemotactic cytokines are also important in the development and progression of cancer. CXCL4 and its non-allelic variant CXCL4L1 are two platelet-associated chemokines that have been attributed anti-tumoral activity as a result of their angiostatic potential and the chemotactic activity for anti-tumoral leukocytes.

Assay Data

Bis-Tris PAGE



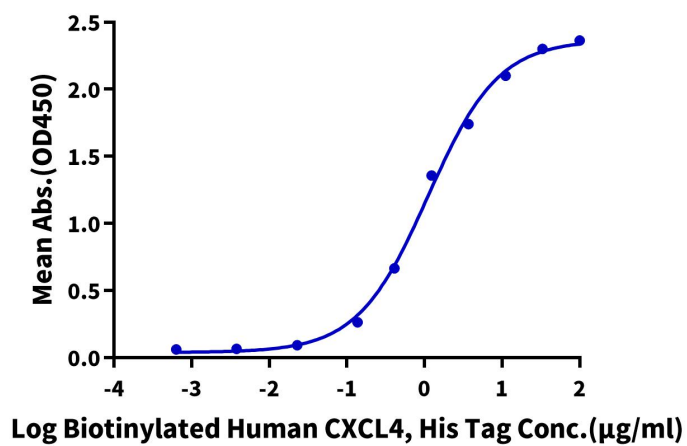
Biotinylated Human CXCL4 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Assay Data

Biotinylated Human CXCL4, His Tag ELISA

0.5µg Human CCL5, His Tag Per Well



Immobilized Human CCL5, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CXCL4, His Tag with the EC50 of 1.1µg/ml determined by ELISA.