

Mouse CXCL4 Protein

Cat. No. CXC-MM2L4



Description

Source	Recombinant Mouse CXCL4 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Val30-Ser105.
Accession	Q9Z126
Molecular Weight	The protein has a predicted MW of 35 kDa. Due to glycosylation, the protein migrates to 40-50 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 > 95% as determined by HPLC

Formulation and Storage

Formulation	Lyophilized from 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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

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

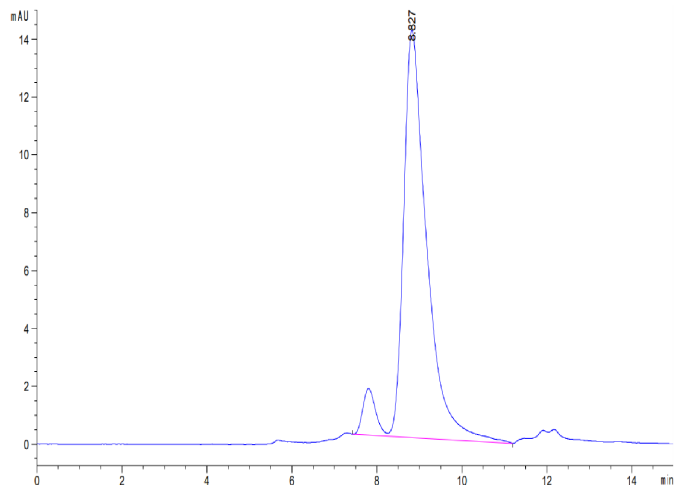
Tris-Bis PAGE



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

SEC-HPLC

Assay Data



The purity of Mouse CXCL4 is greater than 95% as determined by SEC-HPLC.