

Human CXCL9 Protein

Cat. No. CXL-HM201



Description

Source	Recombinant Human CXCL9 Protein is expressed from HEK293 with hFc (IgG1) tag at the N-terminus.
	It contains Thr23-Thr125.
Accession	Q07325
Molecular Weight	The protein has a predicted MW of 37.67 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 90% as determined by HPLC

Formulation and Storage

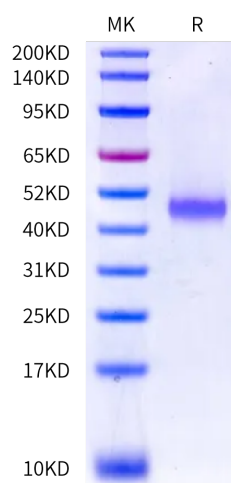
Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Chemokine CXCL9 is a member of the CXC family and has an important role in the chemotaxis of immune cells. It is secreted by various cell types including immune cells (T lymphocytes, NK cells 3, dendritic cells 4, macrophages 5, eosinophils 6, etc.), and non-immune cells (hepatic stellate cells 7, preadipocytes, thyrocytes 8, endothelial cell, tumor cells, and fibroblasts 9, etc). CXCL9 has a versatile and controversial role in tumors, and accumulating evidence suggests that CXCL9 is closely associated with the prognosis of tumor patients.

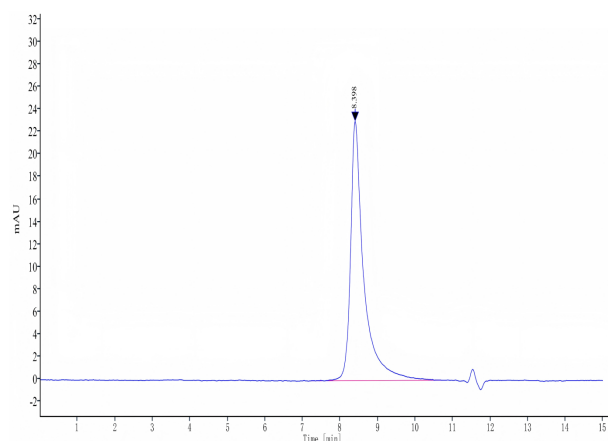
Assay Data

Bis-Tris PAGE



Human CXCL9 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human CXCL9 is greater than 90% as determined by SEC-HPLC.