

Human CCL20 Protein

Cat. No. CCL-HE120

Description

Source	Recombinant Human CCL20 Protein is expressed from E.coli with His tag at the N-Terminus. It contains Ala27-Met96.
Accession	P78556-1
Molecular Weight	The protein has a predicted MW of 9.3 kDa. The protein migrates to 12-14 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

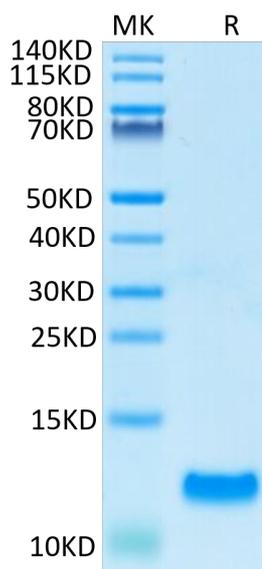
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Recent evidence suggests that CC chemokine ligand 20 (CCL20) is upregulated after subarachnoid hemorrhage (SAH). CCL20 is upregulated in an SAH mouse model and in cultured primary microglia and neurons. CCL20-neutralizing antibody alleviated SAH-induced neurological deficits, decreased brain water content and neuronal apoptosis, and repressed microglial activation.

Assay Data

Bis-Tris PAGE



Human CCL20 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.