## **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<br>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 1 EU per μg by the LAL method.  |  |
| Purity              | > 95% as determined by Bis-Tris PAGE  |  |

# Formulation and Storage

| Formulation | Supplied as 0.22 m filtered solution in PRS (nH 7.4) |
|-------------|--|

Storage Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller

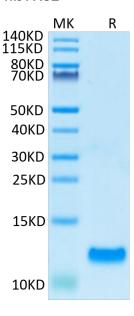
quantities for optimal storage. Please minimize freeze-thaw cycles.

## **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%.