

Datasheet for ABIN7274041
CCL7 Protein (AA 24-99) (His tag)

2 Images

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Overview

Quantity:	100 µg
Target:	CCL7
Protein Characteristics:	AA 24-99
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL7 protein is labelled with His tag.

Product Details

Purpose:	Human CCL7/MCP3 Protein
Sequence:	Gln24-Leu99
Characteristics:	Recombinant Human CCL7/MCP3 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Gln24-Leu99.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CCL7
Alternative Name:	CCL7 (CCL7 Products)

Target Details

Background: Chemokine C-C motif ligand 7 (CCL7), a member of CC chemokine subfamily, is known to promote the recruitment of many innate immune cell types including monocytes and neutrophils to sites of bacterial and viral infection and eosinophils and basophils to sites of allergic inflammation. CCL7 upregulation has been associated with many inflammatory settings including infection, cardiovascular disease, and the tumor microenvironment.

Molecular Weight: 10.05 kDa. The protein migrates to 14-17 kDa based on Tris-Bis PAGE result.

UniProt: [P80098](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

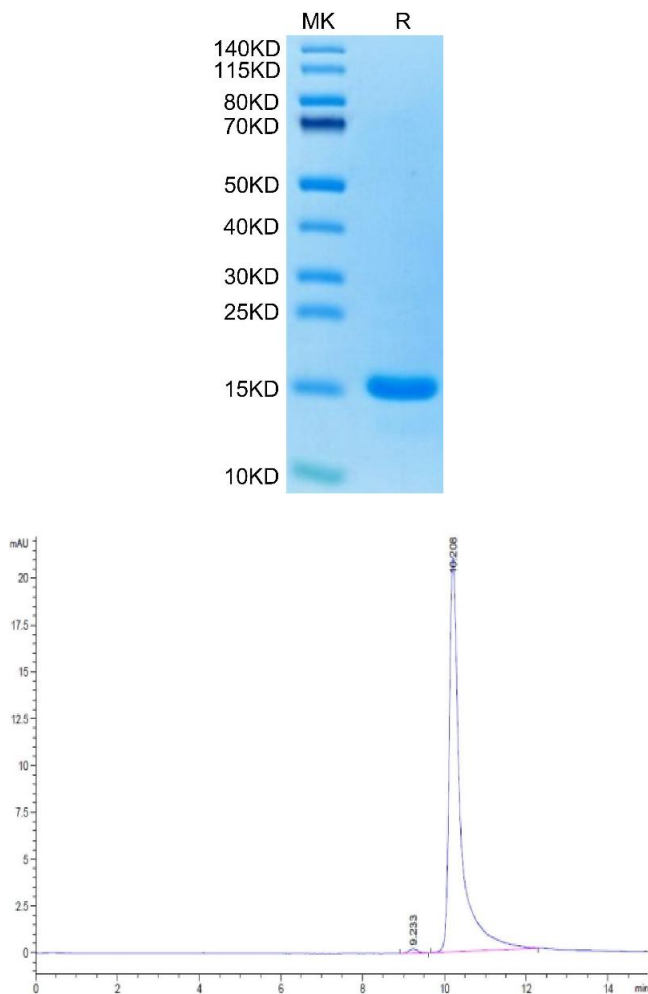
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CCL7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human CCL7 is greater than 95 % as determined by SEC-HPLC.