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Datasheet for ABIN7274051

CCL5 Protein (AA 24-91) (Fc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	CCL5
Protein Characteristics:	AA 24-91
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL5 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse CCL5 Protein
Sequence:	Ser24-Ser91
Characteristics:	Recombinant Mouse CCL5 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Ser24-Ser91.
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:	CCL5
Alternative Name:	CCL5 (CCL5 Products)

Target Details

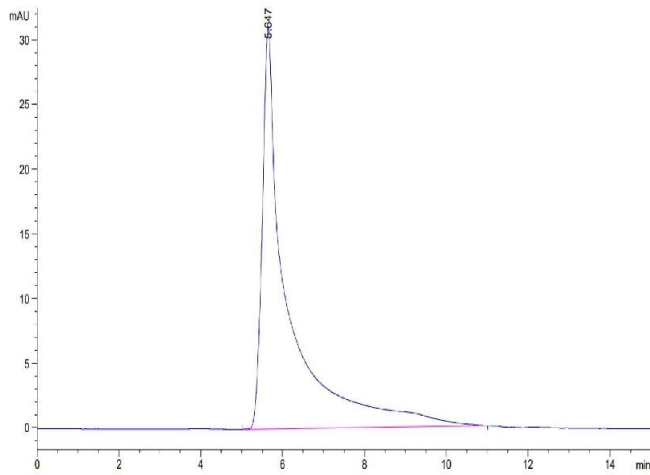
Background:	The CCR5 and the CCL5 ligand have been detected in some hematological malignancies, lymphomas, and a great number of solid tumors, but extensive studies on the role of the CCL5/CCR axis were performed only in a limited number of cancers.
Molecular Weight:	35.2 kDa. Due to glycosylation, the protein migrates to 40-45 kDa based on Tris-Bis PAGE result.
UniProt:	P30882
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of G-Protein Coupled Receptor Protein Signaling , Smooth Muscle Cell Migration

Application Details

Restrictions:	For Research Use only
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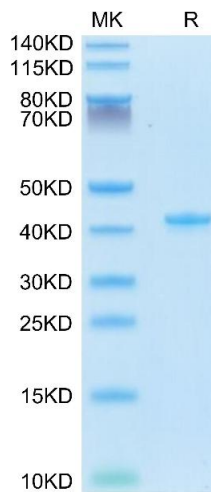
Handling

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



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse CCL5 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse CCL5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .