

Biotinylated Human CCL5 Protein

Cat. No. CCL-HE405B

Description	
Source	Recombinant Biotinylated Human CCL5 Protein is expressed from E.coli with His tag and Avi tag at the N-Terminus. It contains Ser24-Ser91.
Accession	P13501
Molecular Weight	The protein has a predicted MW of 10.89 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

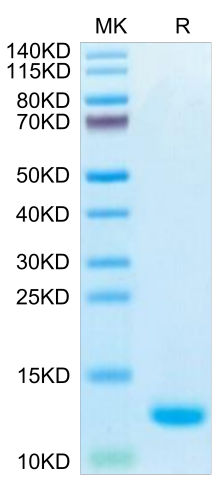
Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS, 0.3%SKL (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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.

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.

Assay Data

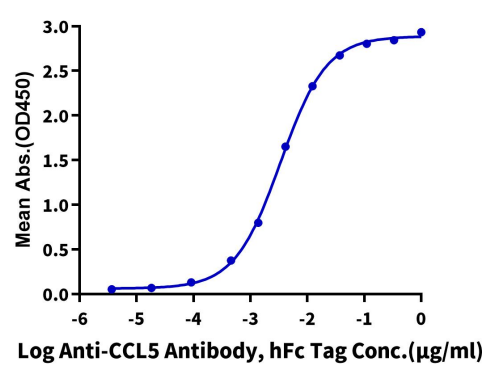
Tris-Bis PAGE



Biotinylated Human CCL5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Biotinylated Human CCL5, His Tag ELISA
0.1µg Biotinylated Human CCL5, His Tag Per Well



Immobilized Biotinylated Human CCL5, His Tag at 1µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Anti-CCL5 Antibody, hFc Tag with the EC50 of 3.4ng/ml determined by ELISA.