

Human CCL8 Protein

Cat. No. CCL-HE108

Description

Source	Recombinant Human CCL8 Protein is expressed from E.coli without tag. It contains Gln24-Pro99.
Accession	P80075
Molecular Weight	The protein has a predicted MW of 8.91 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	Lyophilized from 0.22µm filtered solution in PBS (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 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

C-C motif Chemokine ligand 8 (CCL8) has been found in diseases' pathogenesis. Exogenous CCL8 enhanced the proliferative and migration potential of LE cells and their motility in the environment with its stable concentration. of all the examined factors, chemokine CCL8 participates in the establishment of a proper environment for embryo implantation.

Assay Data

Bis-Tris PAGE



Human CCL8 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.