

32-17851: Recombinant Cynomolgus CCL24 Protein, hFc Tag

Uniprot ID : O00175

Alternative Name : CK-beta-6, Eotaxin-2, MPIF-2

Description

Molecular Characterization: CCL24(Val27-His119) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 36.6 kDa after removal of the signal peptide. The apparent molecular mass of cCCL24-hFc is approximately 35-55 kDa due to glycosylation.

Description: Recombinant Cynomolgus CCL24 protein with C-terminal human Fc tag

This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity on resting T lymphocytes, a minimal activity on neutrophils, and is negative on monocytes and activated T lymphocytes. This protein also has antimicrobial activity, displaying an antibacterial effect on *S. pneumoniae*, *S. aureus*, Non-typeable *H. influenzae*, and *P. aeruginosa*. Finally, the protein is a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.