**General Information**

**Gene Name Synonym:**
I-309; P500; SCYA1; SISe; TCA3

**Protein Construction:**
A DNA sequence encoding the mature form of human CCL1 (NP_002972.1) (Lys 24-Lys 96) was fused with the Fc region of human IgG1 at the N-terminus.

**Source:** Human

**Expression Host:** HEK293 Cells

**QC Testing**

**Purity:** > 90 % as determined by SDS-PAGE

**Endotoxin:**
< 1.0 EU per μg of the protein as determined by the LAL method

**Stability:**
Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Glu 20

**Molecular Mass:**
The recombinant human Fc/CCL1 is a disulfide-linked homodimeric protein. The reduced monomer consists of 310 amino acids and predicts a molecular mass of 35 kDa. As a result of glycosylation, the rhCCL1/Fc monomer migrates as an approximately 38-42 kDa band in SDS-PAGE under reducing conditions.

**Formulation:**
Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

**Usage Guide**

**Storage:**
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

**Reconstitution:**
Detailed reconstitution instructions are sent along with the products.