



Recombinant Protein Technical Manual

Recombinant Human CCL3 Protein

RPES4884

Product Data:

Product SKU: RPES4884

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P10147

Protein Information:

Molecular Mass: 7.5 kDa

AP Molecular Mass: 104&20 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: C-C Motif Chemokine 3; G0/G1 Switch Regulatory Protein 19; Macrophage Inflammatory Protein 1-Alpha; MIP-Alpha; PAT 464.1; SIS-Beta; Small-Inducible Cytokine A3; Tonsillar Lymphocyte LD78 Alpha Protein; CCL3; GOS19; MIP1A; SCYA3

Immunogen Information:

Sequence: Ser24-Ala92

Background:

Human Chemokine (C-C Motif) Ligand 3 (CCL3) is a small cytokine belonging to the CC chemokine family. CCL3 is primarily expressed in T cells, B cells, and monocytes after antigen or mitogen stimulation. CCL3 exhibits chemoattractive and adhesive effects on lymphocytes. CCL3 exerts multiple effects on hematopoietic precursor cells and inhibits the proliferation of hematopoietic stem cells in vitro as well as in vivo. CCR1 and CCR5 have been identified as functional receptors for CCL3.