



Recombinant Protein Technical Manual
Recombinant Human CCL14/HCC-3 Protein (His Tag)
RPES4738

Product Data:

Product SKU: RPES4738

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q16627

Protein Information:

Molecular Mass: 9.7 kDa

AP Molecular Mass: 13 kDa

Tag: C-6His

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 7.2.

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

Application:

Synonyms: C-C Motif Chemokine 14; Chemokine CC/CC-3; HCC/HCC-3; HCC(1-74); NCC-2; Small-Inducible Cytokine A14; CCL14; NCC2; SCYA14

Immunogen Information:

Sequence: Thr 20-Asn93

Background:

Chemokine (C-C motif) Ligand 14 (CCL14) is a small cytokine belonging to the CC chemokine family. It is produced as a protein precursor that is processed to generate a mature active protein containing 74 amino acids that and is 46% identical in amino acid composition to CCL3 and CCL4. This chemokine is expressed in various tissues including spleen, bone marrow, liver, muscle, and gut. CCL14 activates monocytes, but does not induce their chemotaxis. Human CCL14 is located on chromosome 17 within a cluster of other chemokines belonging to the CC family.