

Recombinant Human Hemofiltrate CC Chemokine-1/CCL14

Catalog No: #AP60306

Package Size: #AP60306-1 10ug #AP60306-2 100ug #AP60306-3 500ug

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Description

Product Name	Recombinant Human Hemofiltrate CC Chemokine-1/CCL14
Host Species	E.coli
Purification	> 96 % by SDS-PAGE and HPLC analyses.
Other Names	HCC-1/HCC-3, NCC-2, Small-inducible Cytokine A14
Uniprot	Q16627
GeneID	6358
Calculated MW	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 72 amino acids.
Target Sequence	TESSSRGPYH PSECCFTYTT YKIPRQRIMD YYETNSQCSK PGIVFITKRG HSVCTNPSDK WVQDYIKDMK EN
Formulation	LyophilizedB fromB aB 0.2B umB filteredB concentratedB solutionB inB PBS.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Background

Human CCL14 is belonging to the CC chemokine family. It has two isoforms, CCL14a (HCC-1) and CCL14b (HCC-3). The sequence of HCC-3 differs from HCC-1 as follow: 27-27 R\rightarrow QTGGKPKVVKIQLKLVG. CCL14 was first isolated from the hemofiltrate of human patients with chronic renal failure. CCL14 promotes chemotaxis of T lymphocytes, monocytes and eosinophils, and inhibits infection of M-tropic human immunodeficiency virus type 1 and is a ligand for CCR1, CCR3 and CCR5. CCL14 is expressed constitutively in several normal tissues: spleen, liver, skeletal and heart muscle, gut, and bone marrow, present at high concentrations in plasma.

Note: This product is for in vitro research use only