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Datasheet for ABIN987935 CCL14 Protein

Overview

Quantity:	1 mg
Target:	CCL14
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active

Product Details

Sequence:	TESSSRGPYH PSECCFTYTT YKIPQRIMD YYETNSQCSK PGIVFITKRG HSVCTNPSDK WVQDYIKDMK E
Characteristics:	Fully biologically active when compared to standard. The ED50 determined by a chemotaxis bioassay using human monocytes is less than 20 ng/ml, corresponding to a specific activity of $> 5.0 \times 10^4$ IU/mg.
Purity:	> 96 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	Level Less than 1EU/ μ g of rHuHCC-1/CCL14 as determined by LAL method

Target Details

Target:	CCL14
Alternative Name:	Hemofiltrate CC Chemokine-1/CCL14 (CCL14 Products)
Background:	HCC-1 is a CC chemokine that signals through the CCR1 receptor and chemoattracts blood monocytes. It is secreted by various tissues including skeletal muscle, heart, spleen, liver and bone marrow. Synonym: Hemofiltrate CC Chemokine-1/CCL14, Human. Formulation:

Target Details

Lyophilized from a 0.2µm filtered concentrated solution in 20mM PB, pH 7.4, 100mM NaCl.

Molecular Weight: 8.4 kDa, a single non-glycosylated polypeptide chain containing 72 amino acids.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at < -20 °C. Further dilutions should be made in appropriate buffered solutions.

Storage: 4 °C