Datasheet for ABIN2017965

CCL1 Protein

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Overview

Quantity:	1 mg
Target:	CCL1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	SKSMQVPFSR CCFSFAEQEI PLRAILCYRN TSSICSNEGL IFKLKRGKEA CALDTVGWVQ RHRKMLRHCP SKRK
Characteristics:	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 10-100 ng/mL.
Purity:	>97 % by SDS-PAGE and HPLC analyses.
Sterility:	0.2 µm filtered
Endotoxin Level:	< 1 EU/µg of rHuI-309/CCL1 as determined by LAL method.

Target Details

Target:	CCL1
Alternative Name:	I-309/CCL1 (CCL1 Products)
Background:	Human I-309/CCL1 was initially identified by subtractive hybridization as a transcript that was present in a gamma/delta T cell line but not in EBV-transformed B cells. Human CCL1 has been

Target Details

	assumed to be a homologue of the mouse TCA3. While the two proteins share only approximately 42 % amino acid sequence identity, both chemokines contain an extra pair of cysteine residues not found in most other chemokines. Human CCL1 and mouse TCA3 also share significant sequence homology in the 5'flanking region of their genes. Synonyms: CCL1 Human, I-309 Human
Molecular Weight:	8.6 kDa, a single, non-glycosylated polypeptide chain containing 74 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.
Buffer:	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 100 mM NaCl.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-80 °C
Storage Comment:	This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C.