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## Datasheet for ABIN2017934 CCL16 Protein (AA 24-120)

### Overview

Quantity:	50 µg
Target:	CCL16
Protein Characteristics:	AA 24-120
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Characteristics:	The EC50 value of human HCC-4/CCL16 on Ca <sup>2+</sup> mobilization assay in CHO-K1/Ga15/hCCR1 cells (human Ga15 and human CCR1 stably expressed in CHO-K1 cells) is less than 1.5 µg/mL.
Purity:	> 98 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

### Target Details

Target:	CCL16
Alternative Name:	HCC-4/CCL16 ( <a href="#">CCL16 Products</a> )
Background:	Human HCC4, also named NCC4 and Chemokine (C-C motif) ligand 16 (CCL16) is a small cytokine belonging to the CC chemokine family that is known under several pseudonyms, including Liver-expressed chemokine (LEC) and Monotactin-1 (MTN-1). It can signal through the CCR8 and CCR1 receptors, and it is chemotactic towards monocytes and lymphocytes but

## Target Details

not neutrophils. HCC-4 is expressed weakly by some lymphocytes, including NK cells, T cells, and some T cell clones. The expression of HCC-4 in monocytes is greatly up-regulated in the presence of IL-10. HCC-4 induces a calcium flux in thp-1 cells that are desensitized prior to the expression of RANTES.

Synonyms: HCC-4/CCL16, Human

Molecular Weight: 12 kDa, observed by reducing SDS-PAGE.

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant human HCC4/CCL16 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, human HCC4/CCL16 should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months