

# Recombinant Human CCL16/HCC-4 Protein (Trx Tag)

RPE8122



## Product Information

<b>Product SKU:</b> RPE8122	<b>Expression Host:</b> E.coli	<b>Size:</b> 20µg
<b>Tag:</b> N-Trx	<b>Reactivity:</b> Human	<b>Accession:</b> O15467

## Additional Information

<b>Calculated MW:</b> 30.5 kDa	<b>Observed MW:</b> 31 kDa
<b>Sequence:</b> Gln24-Gln120	

## Protein Information

**Background:** CCL16/HCC-4, a chemokine poorly characterized at the functional level. Human CCL16/HCC-4 is a member of the CC family, and its gene maps to human chromosome 17q. In the mouse, only a pseudogene has been identified to date. CCL16/HCC-4 is a functional ligand for CCR1, CCR2, CCR5, and CCR8. Recombinant CCL16/HCC-4 demonstrated chemotactic activity on human monocytes and lymphocytes. Based on the ability of human chemokines to exert activity on and bind to murine receptors, the TSA mouse adenocarcinoma cell line was transfected with human CCL16/HCC-4 cDNA and, in comparison with other cytokines, was shown to be the faster inducer of systemic immune response due to massive, prompt infiltration of leukocytes.

**Synonyms:** HCC, Mtn, CKb, CCL, SCYA, SCYL, Monotactin, Chemokine CC, Small-Inducible Cytokine A, NCC, LCC, CCL16, CKb12, HCC-4, ILINCK, LCC-1, LEC, LMC, Mtn-1, NCC-4, NCC4, SCYA16, SCYL4, C-C motif chemokine 16, Chemokine CC-4, Chemokine LEC, IL-10-Inducible Chemokine, LCC1, Liver expressed chemokine, Liver-Expressed Chemokine, Lymphocyte and Monocyte Chemoattractant, Monotactin-1, Small-Inducible Cytokine A16, CKb12, HCC-4, LCC-1, LEC, LMC, Mtn-1, NCC-4, SCYL4, Chemokine (C-C motif) ligand 16, HCC4, IL10 inducible chemokine, Liver CC chemokine 1 precursor, Monotactin 1, Mtn1, New CC chemokine 4, Small inducible cytokine A16 precursor, Small inducible cytokine subfamily A (Cys Cys) member 16

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<b>Endotoxin:</b>	< 10 EU/mg of the protein as determined by the LAL method
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Purity:</b>	> 90% as determined by reducing SDS-PAGE.
<b>Bio-Activity:</b>	Not validated for activity
<b>Storage:</b>	Generally, 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.