

Recombinant Human LEC (CCL16)

Cat No:HR2R1665

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	CCL16
Gene ID	6360
Accession	O15467
Alternative Name	C-C motif chemokine 16, Chemokine CC-4, HCC-4, Chemokine LEC, IL-10-inducible chemokine, LCC-1, Liver-expressed chemokine, Lymphocyte and monocyte chemoattractant, Monotactin-1, MNT-1, NCC-4, Small-inducible cytokine A16, CCL16, ILINCK, NCC4, SCYA16
Species	Human
Source	E. coli
Description	CCL16 is a CC chemokine that specifically attracts lymphocytes, dendritic cells, and monocytes; increases their adhesive properties and has myelosuppressive activity. It is constitutively expressed in liver and is increased by interleukin 10 (IL-10) in activated monocytes. CCL16 is present in human plasma suggesting that it may be active outside hepatic tissue. CCR1, CCR2, CCR5, and CCR8 are the functional receptors of this chemokine.
Functions	Determined by its ability to chemoattract human monocytes using a concentration range of 2.0-40 ng/mL.
Formulation	Recombinant HCC-4 was lyophilized from a 0.2 ?m filtered 20 mM PB, 100 mM NaCl solution pH 7.5.
Solubility	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	11
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.