

Recombinant Human CCL16, His-tagged

Cat. No. CCL16-10838H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL16 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	19-120a.a.
Description	This gene encodes a transcriptional repressor that binds to a conserved 14-bp 5-repressor element and regulates expression of the 5-hydroxytryptamine (serotonin) receptor 1A gene in neuronal cells. The DNA binding and transcriptional repressor activities of the protein are inhibited by calcium. A mutation in this gene results in nonsyndromic mental retardation-3.
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name CCL16 chemokine (C-C motif) ligand 16 [Homo sapiens]

Official Symbol CCL16

Synonyms

CCL16; chemokine (C-C motif) ligand 16; SCYA16, small inducible cytokine subfamily A (Cys Cys), member 16; C-C motif chemokine 16; CKb12; HCC 4; LCC 1; LEC; LMC; Mtn 1; NCC 4; SCYL4; monotactin-1; chemokine LEC; chemokine CC-4; new CC chemokine 4; liver CC chemokine-1; IL-10-inducible chemokine; liver-expressed chemokine; small-inducible cytokine A16; lymphocyte and monocyte chemoattractant; small inducible cytokine subfamily A (Cys-Cys), member 16; NCC4; HCC-4; LCC-1; Mtn-1; NCC-4; ILINCK; SCYA16; MGC117051;

Gene ID 6360

mRNA Refseq NM_004590

Protein Refseq NP_004581

MIM 601394

UniProt ID O15467


Chromosome Location 17q11.2

Pathway

Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;

Function

chemoattractant activity; chemokine activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA