

Recombinant Human CCL16 protein, His & GST-tagged

Cat. No. CCL16-1528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL16 aa. (Ala20~Gln120 (Accession # O15467)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala20~Gln120
Description	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for lymphocytes and monocytes but not for neutrophils. This cytokine also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. The expression of this gene is upregulated by IL-10.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%

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Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

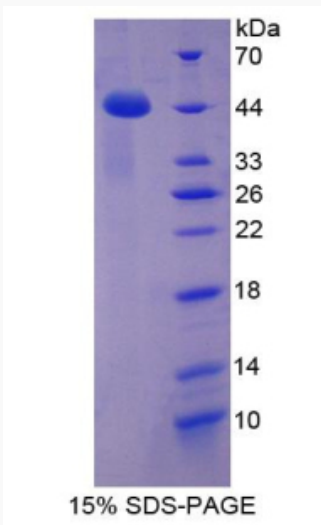
GENE INFORMATION

Gene Name	CCL16 C-C motif chemokine ligand 16 [Homo sapiens (human)]
Official Symbol	CCL16
Synonyms	LEC; LMC; NCC4; CKb12; HCC-4; LCC-1; Mtn-1; NCC-4; SCYL4; ILINCK; SCYA16; IL-10-inducible chemokine; chemokine (C-C motif) ligand 16; chemokine LEC; liver CC chemokine-1; liver-expressed chemokine; lymphocyte and monocyte chemoattractant; monotactin-1; new CC chemokine 4; small inducible cytokine subfamily A (Cys-Cys), member 16; small-inducible cytokine A16; C-C motif chemokine 16

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Gene ID	6360
mRNA Refseq	NM_004590.3
Protein Refseq	NP_004581.1
UniProt ID	O15467
SDS-PAGE	 15% SDS-PAGE