Recombinant Human CCL20 Protein, GST-tagged

Cat. No. CCL20-641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL20 Protein (Ala27-Met96) with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala27-Met96
Description	This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene displays chemotactic activity for lymphocytes and can repress proliferation of myeloid progenitors. Two transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.0 kDa; Accurate Molecular Mass: 40 kDa
Purity	> 90%
Applications	Cell culture; Activity Assays.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CCL20 chemokine (C-C motif) ligand 20 [Homo sapiens (human)]
Official Symbol	CCL20
Synonyms	CCL20; chemokine (C-C motif) ligand 20; SCYA20, small inducible cytokine subfamily A (Cys Cys), member 20; C-C motif chemokine 20; CKb4; exodus 1; LARC; MIP 3a; ST38; exodus-1; MIP-3-alpha; CC chemokine LARC; beta chemokine exodus-1; beta-chemokine exodus-1; small-inducible cytokine A20; macrophage inflammatory protein 3 alpha; liver and activation-regulated chemokine; small inducible cytokine subfamily A (Cys-Cys), member 20; MIP3A; MIP-3a; SCYA20;
Gene ID	6364
mRNA Refseq	NM_001130046
Protein Refseq	NP_001123518

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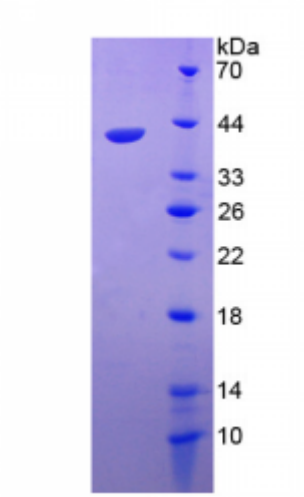
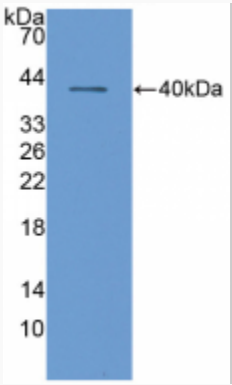
MIM	601960
UniProt ID	P78556
	
WB	

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