

Recombinant Human CCL1 protein, His & GST-tagged

Cat. No. CCL1-1532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL1 aa. (Lys24~Lys96 (Accession # P22362)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys24~Lys96
Description	This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine (C-C motif) receptor 8.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%

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Characteristic	The isoelectric point is 8.7.
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.
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	CCL1 C-C motif chemokine ligand 1 [Homo sapiens (human)]
Official Symbol	CCL1
Synonyms	P500; SISE; TCA3; I-309; SCYA1; T lymphocyte-secreted protein I-309; chemokine (C-C motif) ligand 1; inflammatory cytokine I-309; small inducible cytokine A1 (I-309, homologous to mouse Tca-3); C-C motif chemokine 1
Gene ID	6346
mRNA Refseq	NM_002981.2
Protein Refseq	NP_002972.1

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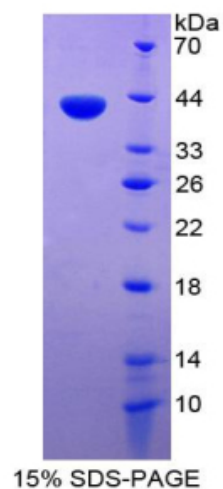
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UniProt ID

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SDS-PAGE

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