

ARG70608
Human CCL1 / I-309 recombinant protein (Active)Package: 50 µg, 10 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, Active Human CCL1 / I-309 recombinant protein
Tested Application	SDS-PAGE
Target Name	CCL1 / I-309
Species	Human
A.A. Sequence	Ser23 - Lys96
Expression System	E. coli
Activity	Active
Activity Note	Determined by a chemotaxis bioassay using human T- lymphocytes is in a concentration range of 10 - 100 ng/ml.
Alternate Names	TCA3; T lymphocyte-secreted protein I-309; SISE; P500; Small-inducible cytokine A1; I-309; SCYA1; C-C motif chemokine 1

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE or HPLC).
Buffer	20 mM PB, with 150 mM NaCl (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CCL1
Gene Full Name	chemokine (C-C motif) ligand 1
Background	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. [provided by RefSeq, Sep 2014]
Function	Cytokine that is chemotactic for monocytes but not for neutrophils. Binds to CCR8. [UniProt]