

I-309 Active Protein | I 309 active protein

Recombinant Human I-309 (CCL1)

CATALOG # AAA38084	HOST E Coli
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PRODUCT SYNONYMS

I-309; Recombinant Human I-309 (CCL1); I 309 Human; I-309 Human Recombinant (CCL1); Small inducible cytokine A1; CCL1; T lymphocyte-secreted protein I-309; chemokine (C-C motif) ligand 1; P500; SISe; TCA3; SCYA1; I 309 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The CCL1 protein was lyophilized with no additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	Thesequenc eofthefirs tfiveN-ter minalamino acidswasde terminedan dwasfoundt obeSer-Lys -Ser-Met-G In
Sequence Length	96
Solubility	It is recommended to reconstitute the lyophilized I-309 in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The Biological activity is calculated by its ability to chemoattract human T cells at 10-100ng/ml corresponding to a Specific Activity of 10,000-100,000IU/mg.
Preparation and Storage	Lyophilized I-309 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution CCL1 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for I 309 active protein	Description: I-309 Human Recombinant produced in E Coli is a single,non-glycosylated, polypeptide chain containing 74 amino acids and having a molecular mass of 8504 Dalton. The I-309 is purified by proprietary chromatographic techniques. Introduction: Chemokine (C-C motif) ligand 1 (CCL1) is a small glycoprotein secreted by activated T cells that belongs to a family inflammatory cytokines known as chemokines. CCL1 attracts monocytes, NK cells, and immature B cells and dendritic cells by interacting with a cell surface chemokine receptor called CCR8. This chemokine resides in a large cluster of CC chemokines on human chromosome 17.
Product Categories/Family for I 309 active protein	Chemokines

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506833
NCBI GeneID	6346
NCBI Accession #	NP_002972.1
NCBI GenBank Nucleotide #	NM_002981.2

UniProt Accession #	P22362; Q2M309; B2R5G9
Molecular Weight	10,992 Da
NCBI Official Full Name	C-C motif chemokine 1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 1
NCBI Official Symbol	CCL1
NCBI Official Synonym Symbols	P500; SISE; TCA3; I-309; SCYA1
NCBI Protein Information	C-C motif chemokine 1; T lymphocyte-secreted protein I-309; inflammatory cytokine I-309; small inducible cytokine A1 (I-309, homologous to mouse Tca-3)
UniProt Protein Name	C-C motif chemokine 1
UniProt Gene Name	CCL1
UniProt Synonym Gene Names	SCYA1
UniProt Entry Name	CCL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-i-309-active-protein/i-309/38084>