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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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I-309 (CCL1) His Tag, human recombinant (rHul-309-His)

Catalog No: 97476
Lot No: XXXXX
Source: *E. coli*
Synonyms: Small inducible cytokine A1, CCL1, T lymphocyte-secreted protein I-309, chemokine (C-C motif) ligand 1, P500, S1Se, TCA3, I-309, SCYA1

Background

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.

Description

I-309 human recombinant fused with a 21 amino acid His Tag at N-terminus produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 94 amino acids (24-96) and having a molecular mass of 10.8 kDa. I-309 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The I-309 solution (0.5 mg/ml) contains 20 mM Tris-HCl buffer (pH 7.5), 2 mM DTT, 10% glycerol and 50 mM NaCl.

Stability

I-309 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MKSMQVPFSR CCFSAEQEI PLRAILCYRN TSSICSNEGL IFKLRGKEA CALDTVGWVQ
RHRKMLRHCP SKRK

Usage

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