



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

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.

CONTACT US TODAY

BIOMOL GmbH • Kieler Straße 303a • 22525 Hamburg • Germany • info@biomol.de • www.biomol.de

Fon: +49 (0)40-853 260 0 • TOLL FREE IN GERMANY: Fon: 0800-246 66 51