

## I 309 Human, His

**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 a.a.) and having a molecular mass of 10.8kDa. The I-309 is purified by proprietary chromatographic techniques.

**Catalog #:**CHPS-261

For research use only.

**Synonyms:**Small inducible cytokine A1, CCL1, T lymphocyte-secreted protein I-309, chemokine (C-C motif) ligand 1, P500, SISE, TCA3, I-309, SCYA1.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MKSMQVPFSR CCFSFAEQEI  
PLRAILCYRN TSSICSNEGL IFKLKRGKEA CALDTVGWVQ RHRKMLRHCP SKRK.

**Purity:**Greater than 85.0% as determined by SDS-PAGE.

**Formulation:**

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

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

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