
Product Data Sheet

Product Name: I 309 Human, His
 Cat. No.: GP21126
 Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Small inducible cytokine A1; CCL1; T lymphocyte-secreted protein I-309; chemokine (C-C motif) ligand 1; P500; SISE; TCA3; I-309; SCYA1. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MKSMQVPFSR CCFSFAEQEI PLRAILCYRN TSSICSNEGL IFKLKRGKEA CALDTVGVVQ RHRKMLRHCP SKRK. | | |
| Formulation | The I-309 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 2mM DTT, 10% glycerol and 50mM NaCl. | | |

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
