

---

## Product Data Sheet

---

Product Name: LAG-1 Human, His  
 Cat. No.: GP21143  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C-C motif chemokine 4-like; Lymphocyte activation gene 1 protein; LAG-1; Macrophage inflammatory protein 1-beta; MIP-1-beta; Monocyte adherence-induced protein 5-alpha; Small-inducible cytokine A4-like; CCL4L1; CCL4L; LAG1; SCYA4L1; CCL4L2; SCYA4L2; AT744.2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHPMAPMGS DPPTACCFYSY TARKLPRNFV VDYYETSSLC SQPAVVFQTK RGKQVCADPS ESWVQEYVYD LELN.		
Formulation	LAG-1 protein solution (0.5mg/ml) containing 10mM sodium citrate (pH 3.5) and 10% glycerol.		

### Introduction

CCL4L1 (C-C motif chemokine 4-like) is a member of the intercrine beta (chemokine CC) family. The CCL4L1 protein is similar to CCL4 which inhibits HIV replication in peripheral blood monocytes which express CCR5.

### 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

LAG-1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 94 amino acids (24-92 a.a.) and having a molecular mass of 10.5kDa (Molecular weight on SDS-PAGE will appear higher). LAG-1 is fused to a 25 amino acid His-tag at N-terminus & 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