



## LAG-1 (CCL4L1), His Tag, human recombinant (rHuLAG-1-His)

**Catalog No:** 97529  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**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

### Background

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.

### Description

LAG-1 human recombinant produced in *E. coli* is a single, non-glycosylated polypeptide chain containing 94 amino acids (24-92) and having a molecular mass of 10.5 kDa (Molecular weight on SDS-PAGE will appear higher). LAG-1 is fused to a 25 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

The LAG-1 protein solution (0.5 mg/ml) containing 10 mM sodium citrate (pH 3.5) and 10% glycerol.

### 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.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSHMAPMGS DPPTACCFYSY TARKLPRNFV VDYYETSSLC SQPAVVFQTK RGKQVCADPS  
ESWVQEYVYD LELN

### Usage

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