

# Human LAG-1 Recombinant Protein



RPPB1179

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## Product Information    Protein Information

**Product SKU:**

RPPB1179

**Accession:**

Q8NHW4

**Host:**

Escherichia Coli.

**Protein description:**

LAG-1 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 69 amino acids and having a molecular mass of 7.8kDa. The CCL4L1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**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.

**Formulation:**

LAG-1 was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized LAG-1 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized LAG-1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL4L1 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

APMGSDPPTA CCFSTARKL PRNFVVDYIE TSSLCSQPAV VFQTKRGKQV CADPSESWWQ EYVYDLELN.

**Biological Activity:**

The ED<sub>50</sub> as determined by a cell proliferation assay using human CCR5 transfected murine BaF3 cells is less than 2.0 ng/ml, corresponding to a specific activity of > 5.0 × 10<sup>5</sup> IU/mg.