

32-1928: LAG-1 Recombinant Protein

Alternative Name : 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,

Description

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

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Content : LAG-1 was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.
Storage condition : 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 : APMGSDPPTA CCFSTARKL PRNFVVDYVE TSSLCSQPAV VFQTKRGKQV CADPSESWWQ EYVYDLELN.

Application Note

It is recommended to reconstitute the lyophilized LAG-1 in sterile 18M-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. The ED₅₀ 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 × 10⁵ IU/mg.

