

## 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,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 to intercrine beta (chemokine CC) family. The CCL4L1 protein is similar to CCL4 which inhibits HIV replication in peripheral blood monocytes which express CCR5.

### Product Info

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

### Application Note

It is recommended to reconstitute the lyophilized LAG-1 in sterile 18M-cm H2O not less than 100µg/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.

