9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LAG-1 Human

LAG-1 Human Recombinant (CCL4L1)
CHK0089

Product Overview

Name	LAG-1 Human
Description	
LAG-1 Human Recombinant (CCL4L1)	
Accession (Primary)	Q8NHW4
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
LAG-1 was lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.	
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.	
Purity	
Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
APMGSDPPTA CCFSYTARKL PRNFVVDYYE TSSLCSQPAV VFQTKRGKQV CADPSESWVQ EYVYDLELN.	
Biological Activity	
The ED 50 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 5 IU/mg.	

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Solubility

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

Precautions

LAG-1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8NHW4)