

## LAG-1 (CCL4L1), Human Recombinant

<b>CATALOG NO:</b>	P1290-5, 20	5 µg, 20 µg
<b>ALTERNATE NAMES:</b>	Lymphocyte Activation Gene-1, CCL4L1, ACT-2, T-cell activation-2, HC21, 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	
<b>SOURCE:</b>	E.coli	
<b>PURITY:</b>	≥ 98% by SDS-PAGE analyses	
<b>MOL. WEIGHT:</b>	7.7 kDa	
<b>FORM:</b>	Lyophilized	
<b>STORAGE CONDITIONS:</b>	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
<b>BIOLOGICAL ACTIVITY:</b>	Determined by its ability to chemoattract CCR5 transfected cells using a concentration of 0.1-10.0 ng/ml	
<b>RECONSTITUTION:</b>	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.	
<b>DESCRIPTION:</b>	LAG-1 is CC chemokine receptor (beta chemokine receptors) that signals through the CCR5 receptor. LAG-1 is identical to MIP-1β (ACT II isotype) except for two amino acid substitutions; arginine for histidine at position 22 and serine for glycine at position 47 of the mature protein. LAG-1 chemoattracts monocytes, and exhibits activity as an HIV suppressive factor. Recombinant human LAG-1 is a 7.7 kDa protein containing 69 amino acid residues.	

### RELATED PRODUCTS:

- CCL4 Antibody (Center) (**Cat. No. 6731**)
- Eotaxin-2/CCL24, human recombinant (**Cat. No. 4497**)
- Human CellExp™ LAG-3 / CD223, Cynomolgus Recombinant (**Cat. No. P1179**)
- Human CellExp™LAG3 /CD223, human recombinant (**Cat. No. 7278**)
- LAG3 (Human) ELISA Kit (**Cat. No. E4552**)
- MIP-1beta, human recombinant (**Cat. No. 4247**)
- MIP-1beta, murine recombinant (**Cat. No. 4248**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**