

**Recombinant Human LAG-1 (CCL4L1)**  
**Catalog # PBG10265****Specification**

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**Recombinant Human LAG-1 (CCL4L1) - Product Information****Recombinant Human LAG-1 (CCL4L1) - Additional Information****Description**

LAG-1 is CC chemokine that signals through the CCR5 receptor. LAG-1 is identical to MIP-1 $\beta$  (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.

**Biological Activity**

Determined by it's ability to chemoattract CCR5 transfected cells using a concentration of 0.1-10.0 ng/ml

**Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**Endotoxin**

Endotoxin level is <0.1 ng/  $\mu$ g of protein (<1EU/  $\mu$ g).

**Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

**Storage**

-20°C

**Precautions**

Recombinant Human LAG-1 (CCL4L1) is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human LAG-1 (CCL4L1) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Recombinant Human LAG-1 (CCL4L1) - Images**

