

**Recombinant Human LD78 $\beta$  (CCL3L1)**  
**Catalog # PBG10266****Specification**

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**Recombinant Human LD78 $\beta$  (CCL3L1) - Product Information****Recombinant Human LD78 $\beta$  (CCL3L1) - Additional Information****Description**

LD78 $\beta$  is a CC chemokine that is closely related to MIP-1 $\alpha$ . It signals through the CCR5 receptor and the  $\beta$ -chemokine receptor, D6. LD78 $\beta$  has been shown to exhibit potent activity in HIV suppression assays. Recombinant human LD78 $\beta$  is a 7.7 kDa protein containing 70 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

**Biological Activity**

Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 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 LD78 $\beta$  (CCL3L1) is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human LD78 $\beta$  (CCL3L1) - 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 LD78 $\beta$  (CCL3L1) - Images**