

**Recombinant Human Chemerin**  
**Catalog # PBG10056****Specification**

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**Recombinant Human Chemerin - Product Information****Recombinant Human Chemerin - Additional Information****Description**

Chemerin is a secreted chemoattractant protein that can signal through the chemokine like receptor-1 (CMKLR1). It is expressed in various tissues, including white adipose tissue, and circulates in blood as an inactive 143 amino acid precursor protein. Biologically active Chemerin is generated by proteolytic removal of C-terminal residues by several circulating proteases. Chemerin acts as a chemoattractant for cells expressing the CMKLR1 receptor, which includes certain dendritic cells, macrophages, and adipocytes. Recombinant human Chemerin is a 15.6 kDa protein consisting of 135 amino acid residues.

**Biological Activity**

Determined by its ability to chemoattract human immature dendritic cells using a concentration range of 1.0-100.0 ng/ml.

**Authenticity**

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

**Endotoxin**

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

**Protein Content**

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

**Storage**

-20°C

**Precautions**

Recombinant Human Chemerin is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human Chemerin - 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 Chemerin - Images**