

#### **Recombinant Human Chemerin**

Catalog # PBG10056

# Specification

### **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  $<0.1 \text{ ng}/\mu\text{g}$  of protein ( $<1\text{EU}/\mu\text{g}$ ).

# **Protein Content**

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

### **Storage**

-20°C

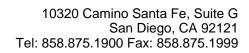
# **Precautions**

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
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety





• Cell Culture

**Recombinant Human Chemerin - Images**