

## 32-20057: Recombinant Human Chemerin(Discontinued)

**Reactivity :** mouse, Zebra Fish  
**Alternative Name :** Tazarotene-induced gene 2 (TIG2), RARRES2

### Description

**Source:** **E.coli** 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.

### Product Info

**Amount :** 5 µg / 25 µg  
**Purification :** Purity:  $\geq$  98% by SDS-PAGE gel and HPLC analyses.  
**Content :** This recombinant protein is supplied in lyophilized form.  
**Amino Acid :** ELTEAQRRLG QVALEEFHKH PPVQWAFQET SVESAVDTPF PAGIFVRLFEF KLQQTSCRKR DWKKPECKVR  
PNGRKRKCLA CIKLGSEDKV LGRLVHCPIE TQVLREAEH QETQCLRVQR AGEDPHSFYF PGQFA

### Application Note

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