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# RARRES2
# Recombinant Human Chemerin

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|---|---|---|---|
| **Catalog No.** | CS313A | **Quantity:** | 5 µg |
| | CS313B | | 25 µg |
| | CS313C | | 1 mg |
| | CS313D | | 100 µg |

**Alternate Names:** Tazarotene-induced gene 2 (TIG2), RARRES2

**Description:** Chemerin is a chemoattractant expressed in white adipose, liver and lung tissues. Chemerin is a ligand for the G-protein coupled receptor known as ChemR23 (or chemokine-like receptor-1), which is expressed mainly on dendritic cells, macrophages and some adipocytes.

**Gene ID:** 5919

**UniProt ID:** Q99969

**Source:** *E. coli*

**Molecular Weight:** 16 kDa (138 aa)

**Formulation:** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)

**Purity:** ≥ 95% determined by reducing and non-reducing SDS-PAGE

**Endotoxin Level:** ≤ 1 EU/µg by kinetic LAL analysis

**Amino Acid Sequence:** MELTEAQRRG LQVALEEFHK HPPVQWAFQE TSVESAAVDTP FPAGIFVRLE FKLQQTSRK RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAEE HQETQCLRVQ RAGEDPHSFY FPGQFAFS

**Reconstitution:** **Centrifuge vial before opening.** When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

**Storage & Stability:** Lyophilized product is stable at room temperature for shipping purposes. Upon receipt, store at -20°C to -80°C for up to 1 year.

Upon reconstitution, the preparation is stable for up to one month at 2-8°C. For long term storage, prepare working aliquots and store at -20 to -80°C. For maximal stability, dilute to working aliquots in a 0.1% BSA solution.

**Avoid repeated freeze-thaw cycles.**

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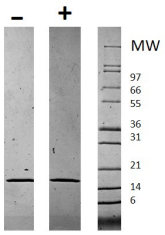


**Human Chemerin**
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human Chemerin has a predicted MW of 16 kDa.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

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