

32-12024: Human Chemerin

Gene : RARRES2

Gene ID : 5919

Uniprot ID : Q99969

Alternative Name : Chemerin, RAR-responsive protein TIG2, Tazarotene-induced gene 2 protein, TIG2

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 16 kDa (138 aa)

Chemerin is a chemoattractant adipokine that is expressed in white adipose, liver, skin, and lung tissues. Chemerin is a ligand for the G protein-coupled receptor chemokine-like receptor 1 (ChemR23), which is expressed on dendritic cells, macrophages, and adipocytes. Chemerin functions to recruit macrophages to sites of tissue damage and inflammation. Chemerin is also a regulator of glucose metabolism in the liver. Due to the roles of chemerin during metabolism and inflammation, it may be a key factor in obesity-related diseases such as type 2 diabetes mellitus.

Product Info

Amount : 25 µg / 100 µg

Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$

Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid : MELTEAQRRG LQVALEEFHK HPPVQWAFQE TSVESAVDTP FPAGIFVRLK FKLQQTSCRK RDWKKPECKV
RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAE HQETQCLRVQ RAGEDPHSFY FPGQFAFS

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

