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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

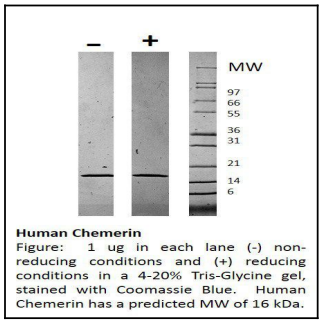
Source: Genetically modified E.coli.
Predicted MW: Monomer, 16 kDa (138 aa)
Chemerin is a chemoattractant adipokine that is expressed in white adipose, liver, skin, and lung tissues. Chemerin is a ligand for the G protein-coupled receptor chemokine-like receptor 1 (ChemR23), which is expressed on dendritic 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 >= 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 FPAGIFVRLE FKLQQTSCRK RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAEE 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 vialed to compensate for this loss.



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.