Recombinant Human RARRES2 Protein

Cat. No. RARRES2-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RARRES2 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 16 kDa (138 aa)
AA Sequence	MELTEAQRRGLQVALEEFHKHPPVQWAFQETSVESAVDTPFPAGIFVRLEFKLQQT SCRKRDWKKPECKVRPNGRKRKCLACIKLGSEDKVLGRLVHCPIETQVLREAEEHQ ETQCLRVQRAGEDPHSFYFPGQFAFS
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE

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Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	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 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	RARRES2 retinoic acid receptor responder (tazarotene induced) 2 [Homo sapiens (human)]
Official Symbol	RARRES2
Synonyms	RARRES2; retinoic acid receptor responder (tazarotene induced) 2; retinoic acid receptor responder protein 2; chemerin; HP10433; TIG2; RAR-responsive protein TIG2; tazarotene-induced gene 2 protein;
Gene ID	5919

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mRNA Refseq	NM_002889
Protein Refseq	NP_002880
MIM	601973
UniProt ID	Q99969

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