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Product datasheet for TP727236

Chemerin (RARRES2) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Retinoic Acid Responder Protein 2/Chemerin/TIG2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu21-Ser157
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Retinoic acid receptor responder protein 2 is produced by our Mammalian expression system and the target gene encoding Glu21-Ser157 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	5919
UniProt ID:	Q99969
Synonyms:	Retinoic acid receptor responder protein 2; Chemerin; RAR-responsive protein TIG2; Tazarotene-induced gene 2 protein; RARRES2; TIG2
Summary:	Retinoic acid receptor responder protein 2(RARRES2) is a secreted protein that in humans is encoded by the RARRES2 gene. It is highly expressed in skin, also found in pancreas, liver, spleen, prostate, ovary, small intestine and colon. It is a chemoattractant protein that acts as a ligand for the G protein-coupled receptor CMKLR1. RARRES2 is secreted in an inactive form as prochemerin and is activated through cleavage of the C-terminus by inflammatory and coagulation serine proteases. It is thought to act as a cell surface receptor, found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation. RARRES2 is inhibited in psoriatic lesions,it is activated by tazarotene in skin rafts and in the epidermis of psoriatic lesions.
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Secreted Protein

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