Datasheet for ABIN7318984

Chemerin Protein (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	Chemerin (RARRES2)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chemerin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human RARRES2/TIG2 Protein (His Tag)
Sequence:	Glu21-Ser157
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Chemerin (RARRES2)
Alternative Name:	RARRES2/TIG2 (RARRES2 Products)
Background:	Background: 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,

Target Details

	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. Synonym: Retinoic acid receptor responder protein 2, Chemerin, RAR-responsive protein TIG2, Tazarotene-induced gene 2 protein, RARRES2, TIG2
Molecular Weight:	16.9 kDa
UniProt:	Q99969
Pathways:	Brown Fat Cell Differentiation

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.