Datasheet for ABIN7318984
Chemerin Protein (His tag)


## Overview

| Quantity: | $50 \mu \mathrm{~g}$ |
| :--- | :--- |
| 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 6 His tag at the C-terminus. |
| Purity: | > $95 \%$ as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per $\mu \mathrm{g}$ 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, |


|  | 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. <br> 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 $0.2 \mu \mathrm{~m}$ filtered solution of $20 \mathrm{mM} \mathrm{PB} 150 \mathrm{mM} \mathrm{NaCl},, \mathrm{pH} 7.4$. |
| Storage: | $4^{\circ} \mathrm{C},-20^{\circ} \mathrm{C},-80^{\circ} \mathrm{C}$ |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to $-80^{\circ} \mathrm{C}$. Reconstituted protein solution can be stored at $4-8^{\circ} \mathrm{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $<-20^{\circ} \mathrm{C}$ for 3 months. |

