

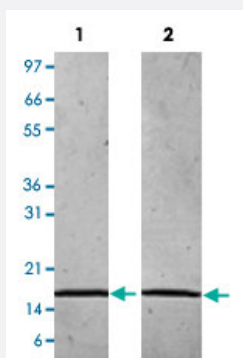
Bioactive

RARRES2 (Human) Recombinant Protein

Catalog # P4378

Size 25 ug

Applications



Lane 1: non-reducing conditions

Lane 2: reducing conditions

Specification

Product Description

Human RARRES2 (Q99969) recombinant protein expressed in *Escherichia coli*.

Sequence

MELTEAQRRLQVALEEFHKHPPVQWAFQETSVESAVDTPFPAGIFVRLEFKLQQTSCRKRDW
KKPECKVRPNGRKRKCLACIKLGSEDKVLGRLVHCPIETQVLREAEHQETQCLRVQRAGEDPH
SFYFPGQFAFS

Host

Escherichia coli

Theoretical MW (kDa)

16

Form

Lyophilized

Preparation Method

Escherichia coli expression system

Endotoxin Level

< 0.1 EU/ug

Activity

The activity is determined by the ability to chemoattract human Chem23R transfected BaF3 mouse p ro-B cells and is typically 4-20 ng/mL.

Quality Control Testing

1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue
Lane 1: non-reducing conditions
Lane 2: reducing conditions

Storage Buffer

Lyophilized from 0.2% TFA

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with sterilized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — RARRES2

Entrez GeneID [5919](#)

Protein Accession# [Q99969](#)

Gene Name RARRES2

Gene Alias CHEMERIN, HP10433, TIG2

Gene Description retinoic acid receptor responder (tazarotene induced) 2

Omim ID [601973](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a secreted chemotactic protein that initiates chemotaxis via the ChemR23 G protein-coupled seven-transmembrane domain ligand. Expression of this gene is upregulated by the synthetic retinoid tazarotene and occurs in a wide variety of tissues. The active protein has several roles, including that as an adipokine, and is truncated on both termini from the proprotein. [provided by RefSeq]

Other Designations -

Disease

- [Arthritis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Obesity](#)