9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RARRES2 Human, HEK

Retinoic Acid Receptor Responder 2 Human Recombinant, HEK
RCP1816

Product Overview

Name	RARRES2 Human, HEK

Description

Retinoic Acid Receptor Responder 2 Human Recombinant, HEK

Accession (Primary)	Q99969

Synonyms

Chemerin, TIG2, Tazarotene-induced gene 2 protein, Retinoic acid receptor responder protein 2, RAR-responsive protein TIG2, RARRES2, HP10433.

Introduction

RARRES2 is a secreted chemotactic protein that initiates chemotaxis through the ChemR23 G protein-coupled seven-transmembrane domain ligand. RARRES2 is upregulated by the synthetic retinoid tazarotene and found in many tissues. RARRES2 acts as an adipokine and is truncated on both termini from the proprotein. RARRES2 is structurally related to the cathelicidin precursors, cystatin C and kininogens. RARRES2 promotes calcium mobilization and chemotaxis of immature dendritic cells and macrophages. RARRES2 is secreted as a precursor of little biological activity, which requires proteolytic cleavage of its COOH-terminal domain to be exchangeed into a potent and highly specific agonist of ChemR23.

Source

HEK293.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

RARRES2 protein solution (0.5mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ELTEAQRRGL QVALEEFHKH PPVQWAFQET SVESAVDTPF PAGIFVRLEF KLQQTSCRKR DWKKPECKVR

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PNGRKRKCLA CIKLGSEDKV LGRLVHCPIE TQVLREAEEH QETQCLRVQR AGEDPHSFYF PGQFAFS HHH HHH .

Precautions

RARRES2 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99969)