

Recombinant Human retinoic acid receptor responder (tazarotene induced) 2, His-tagged

Cat. No. RARRES2-576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RARRES2, 21-157aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	21-157 a.a.
Description	RARRES2, also known as chemerin, is 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. Recombinant human RARRES2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	18 kDa (158aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MELTEAQRRG LQVALEEFHK HPPVQWAFQE TSVESAVDTP FPAGIFVRLE FKLQQTSCRK RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAEE HQETQCLRVQ RAGEDPHSFY FPGQFAFS

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	RARRES2 retinoic acid receptor responder (tazarotene induced) 2 [Homo sapiens]
Official Symbol	RARRES2
Synonyms	RARRES2; retinoic acid receptor responder (tazarotene induced) 2; retinoic acid receptor responder protein 2; chemerin; HP10433; TIG2; RAR-responsive protein TIG2; tazarotene-induced gene 2 protein;
Gene ID	5919
mRNA Refseq	NM_002889
Protein Refseq	NP_002880
MIM	601973
UniProt ID	Q99969
Chromosome Location	7q36.1
Function	receptor binding;

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