

Recombinant Human RARRES1

Cat. No. RARRES1-31292TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RARRES1, isoform 1 with N terminal proprietary tag, 50.71kDa.
Species	Human
Source	Wheat Germ
ProteinLength	228 amino acids
Description	This gene was identified as a retinoid acid (RA) receptor-responsive gene. It encodes a type 1 membrane protein. The expression of this gene is upregulated by tazarotene as well as by retinoic acid receptors. The expression of this gene is found to be downregulated in prostate cancer, which is caused by the methylation of its promoter and CpG island. Alternatively spliced transcript variant encoding distinct isoforms have been observed.
Molecular Weight	50.710kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MQPRRQRLPAPWSGPRGPRPTAPLLALLLLLAPVAAPAGS GDPDDPGQPQDAGV
 PRRLLQQAARAALHFFNFRSGSPSAL RVLAEVQEGRAWINPKEGCKVHVVFSTERY
 NPESLLQEGE GRLGKCSARVFFKNQKPRPTINVTCTRLIEKKKRQQEDYL LYKQMK
 QLKNPLEIVSIPDNHGHIDPSLRLLIWDLAFLGSS YVMWEMTTQVSHYYLAQLTSVRQ
 WVRKT

Sequence Similarities

Belongs to the protease inhibitor I47 (latexin) family.

GENE INFORMATION

Gene Name [RARRES1 retinoic acid receptor responder \(tazarotene induced\) 1 \[Homo sapiens \]](#)

Official Symbol [RARRES1](#)

Synonyms RARRES1; retinoic acid receptor responder (tazarotene induced) 1; retinoic acid receptor responder protein 1; TIG1;

Gene ID [5918](#)

mRNA Refseq [NM_002888](#)

Protein Refseq [NP_002879](#)

MIM [605090](#)

Uniprot ID [P49788](#)

Chromosome Location 3q25.32

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