

# Recombinant Human RARRES1

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human RARRES1, isoform 1 with N terminal proprietary tag, 50.71kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	228 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	50.710kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	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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