

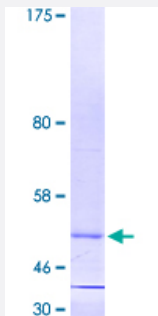
Full-Length

RARRES1 (Human) Recombinant Protein (P02)

Catalog # H00005918-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RARRES1 full-length ORF (NP_002879.2, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQPRRQRLPAPWSGPRGPRPTAPLLALLLLLAPVAAPAGSGDPDDPGQPQDAGVPRRLQQA
ARAALHFFNFRSGSPSALRVLAEVQEGRAWINPKEGCKVHVVFSTERYNPESLLQEGEGRLGKC
SARVFFKNQKPRPTINVTCRLIEKKKRQQEDYLLYQMKQLKNPLEVSIIPDNHGHIDPSRLIWDL
AFLGSSYVMWEMTTQVSHYYLAQLTSVRQWVRKT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.71

Interspecies Antigen Sequence

Mouse (72); Rat (76)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RARRES1

Entrez GeneID [5918](#)

GeneBank Accession# [NM_002888.2](#)

Protein Accession# [NP_002879.2](#)

Gene Name RARRES1

Gene Alias TIG1

Gene Description retinoic acid receptor responder (tazarotene induced) 1

Omim ID [605090](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations RAR-responsive protein