Full-Length
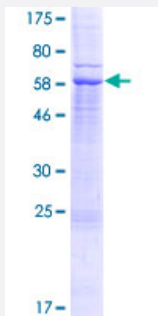
RARRES1 (Human) Recombinant Protein (P01)

Catalog #   H00005918-P01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human RARRES1 full-length ORF (NP_996846.1, 1 a.a. - 294 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQPRRQRLPAPWSGPRGPRPTAPLLALLLLLAPVAAPAGSGDPDDPGQPQDAGVPRRLLQQAARAALHFFNFRSGSPSALRVLAEVQEGRAWINPKEGCKVHVVFSTERYNPESLLQEGEGRLGKCSARVFFKNQKPRPTINVTCTRLIEKKKRQQEDYLLYKQMKQLKNPLEIVSIPDNHGHIDPSLRLIWDLAFLGSSYVMWEMTTQVSHYYLAQLTSVRQWKTNDDTIDFDYTVLLHELSTQEIIPCRIHLVWYPGKPLKVKYHCQELQTPEEASGTEEGSAVVPTELSNF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	59.7
Interspecies Antigen Sequence	Mouse (74); Rat (77)
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_206963.1
Protein Accession#	NP_996846.1
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