

Recombinant Human retinoic acid receptor responder (tazarotene induced) 1, His-tagged

Cat. No. RARRES1-203H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RARRES1, 43-294aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	43-294 a.a.
Description	Retinoic acid receptor responder protein 1 isoform 1, also known as RARRES1, belongs to the TIGs (Tazarotene-induced gene) family. TIGs act as tumor suppressor genes in human cancers and are highly expressed in skin, hair follicles and endothelial cells as well as in pancreas, spleen and intestine. TIGs are activated by tazarotene and have been implicated as growth regulators that mediate the growth suppressive effects of retinoids. Recombinant human RARRES1 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	31.3kDa (275aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSPDDPGQP QDAGVPRRL QQAARAALHF FNFRSGPSA LRVLAEVQEG RAWINPKEGC KVHVVFSTER YNPESLLQEG EGRLGKCSAR VFFKNQKPRP TINVTCTRLI EKKKRQQEDY LLYKQMKQLK NPLEIVSIPD NHGHIDPSLR LIWDLAFLGS SYVMWEMTTQ VSHYYLAQLT

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SVRQWKTNDD TIDFDYTVLL HELSTQEIIP CRIHLVWYPG KPLKVKYHCQ
ELQTP EEASG TEEGSAVVPT ELSNF

Purity >90% 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 0.5 mg/ml (determined by Bradford assay)

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; RAR-responsive protein TIG1; tazarotene-induced gene 1 protein;

Gene ID [5918](#)

mRNA Refseq [NM_002888](#)

Protein Refseq [NP_002879](#)

MIM [605090](#)

UniProt ID [P49788](#)

Chromosome Location 3q25.32

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