

## 32-4607: Recombinant Human Retinoic Acid Receptor Responder 1

**Alternative Name :** Retinoic acid receptor responder protein 1 isoform 1, TIG1, Retinoic acid receptor responder protein 1, RAR-responsive protein TIG1, Tazarotene-induced gene 1 protein, RARRES1, Recombinant Human Retinoic Acid Receptor Responder 1.

### Description

Source : Escherichia Coli. RARRES1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 275 amino acids (43-294) and having a molecular mass of 31.3 kDa. RARRES1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Retinoic Acid Receptor Responder 1 (RARRES1) is a part of the TIGs (Tazarotene-induced gene) family. TIGs operate like tumor suppressor genes in human cancers and are greatly expressed in skin, hair follicles and endothelial cells plus in pancreas, spleen and intestine. TIGs are growth regulators which mediate the growth suppressive effects of retinoids and are triggered by tazarotene.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The RARRES1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSPDDPGQP QDAGVPRRL QQAARAALHF FNFRSGSPSA  
 LRVLAEVQEG RAWINPKEGC KVHVVFSTER YNPESLLQEG EGRLGKCSAR VFFKNQKPRP TINVTCTRLI  
 EKKKRQQEDY LLYKQMKQLK NPLEIVSIPD NHGHIDPSLR LIWDLAFLGS SYVMWEMTTQ VSHYYLAQLT  
 SVRQWKTND TIDFDYTVLL HELSTQEIP CRIHLVWYPG KPLKVKYHCQ ELQTPEEASG TEEGSAVVPT  
 ELSNF.

