

Retinoic Acid Receptor Responder 1 Human Recombinant

Item Number	rAP-4668
Synonyms	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	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.
Uniprot Accession Number	P49788
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSPDDPGQP QDAGVPRRL QQAARAALHF FNFRSGSPSA LRVLAEVQEG RAWINPKEGC KVHVVFSTER YNPESLLQEG EGRLGKCSAR VFFKNQKPRP TINVTCTRLI EKKKRQQEDY LLYQMQLK NPLEIVSIPD NHGHIDPSLR LIWDLAFLGS SYVMWEMTTQ VSHYYLAQLT SVRQWKTNDD TIDFDYTVLL HELSTQEIP CRIHLVWYPG KPLKVYHCQ ELQTPEEASG TEEGSAVVPT ELSNF.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The RARRES1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**