

**Recombinant Human Retinoic Acid Receptor Responder Protein 2/Chemerin/TIG2 Protein(C-6His)**

**Cat.NO.: TP05493**

3th Edition

**Synonyms:**Retinoic acid receptor responder protein 2; Chemerin; RAR-responsive protein TIG2; Tazarotene-induced gene 2 protein; RARRES2; TIG2

**Description:**Retinoic acid receptor responder protein 2(RARRES2) is a secreted protein that in humans is encoded by the RARRES2 gene. It is highly expressed in skin, also found in pancreas, liver, spleen, prostate, ovary, small intestine and colon. It is a chemoattractant protein that acts as a ligand for the G protein-coupled receptor CMKLR1. RARRES2 is secreted in an inactive form as prochemerin and is activated through cleavage of the C-terminus by inflammatory and coagulation serine proteases. It is thought to act as a cell surface receptor, found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation. RARRES2 is inhibited in psoriatic lesions,it is activated by tazarotene in skin rafts and in the epidermis of psoriatic lesions.

**Form:**PBS

**Molecular Weight:**16.9 kDa

**Sequences:**Glu21-Ser157

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.