

**RARRES2, 21-157aa, Human, His-tag, Baculovirus**

**Cat.NO.: TP03681**

3th Edition

**Synonyms:** Retinoic acid receptor responder protein 2, RARRES2, HP10433, TIG2, Chemerin

**Description:** RARRES2, as known as retinoic acid receptor responder protein 2, is a distant member of the Cystatin superfamily. Members of this superfamily contain at least two intra-chain disulfide bonds and an alpha-helical structure over a distance of about 100 amino acids. This protein was found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation. Also, it has been implicated in autocrine/paracrine signaling for adipocyte differentiation and also stimulation of lipolysis. Recombinant human RARRES2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:** 16.9kDa (146aa), 18-28kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADPELTEAQRRLQVALEEFHKHPPVQWAFQETSVESAVDTPFPAGIFVRLEFKLQQTSCRKRDWKKPECKVRPN  
GRKRKCLACIKLGSSEDKVLGRLVHCPIETQVLREAEHQETQCLRVQRAGEDPHSFYFPGQFAFSHHHHHH

**Purity:** > 95% by HPLC

**Concentration:** 0.5mg/ml (determined by Absorbance at 280nm)

**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.