

RARRES2, 21-157aa, Human, His tag, E.coli

Cat.NO.: TP03680

3th Edition

Synonyms: Retinoic acid receptor responder protein 2, HP10433, TIG2, chemerin

Description: RARRES2, also known as chemerin, is a secreted chemotactic protein that initiates chemotaxis via the ChemR23 G protein-coupled seven-transmembrane domain ligand. Expression of this gene is upregulated by the synthetic retinoid tazarotene and occurs in a wide variety of tissues. The active protein has several roles, including that as an adipokine, and is truncated on both termini from the proprotein. Recombinant human RARRES2 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 Weight: 18 kDa (158aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMELTEAQRRLQVALEEFHKHPPVQWAFQETSVESAVDTPFPAGIFVRLEFKLQ
QTSCRKRDWKKPECKVRPNRKRKCLACIKLGSSEDKVLGRLVHCPIETQVLREAEHQTQCLRVRAGEDPHSF
YFPGQFAFS

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

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.