

Recombinant Human RARRES2 Protein, His-tagged

Cat. No. RARRES2-002H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RARRES2 Protein (21-157aa) fused to His-tag at C-terminus was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-157 a.a.
Description	This gene encodes 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 as an antimicrobial protein with activity against bacteria and fungi.
Form	Liquid
Molecular Mass	16.6kDa (143aa) 13.5-18kDa (SDS-PAGE under reducing conditions.)
AA Sequence	ELTEAQRRLQVALEEFHKHPPVQWAFQETSVESAVDTPFPAGIFVRLEFKLQQTS CRKRDWKKPECKVRPNGRKRKCLACIKLGSEDKVLGRLVHCPIETQVLREAEHQE TQCLRVQRAGEDPHSFYFPGQFAFSHHHHHH
Endotoxin	< 1.0 EU per 1ug of protein (determined by LAL method)

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Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

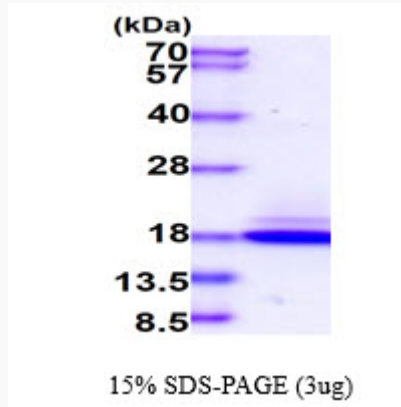
Gene Name	RARRES2 retinoic acid receptor responder 2 [Homo sapiens (human)]
Official Symbol	RARRES2
Synonyms	RARRES2; retinoic acid receptor responder 2; TIG2; HP10433; retinoic acid receptor responder protein 2; RAR-responsive protein TIG2; chemerin; retinoic acid receptor responder (tazarotene induced) 2; tazarotene-induced gene 2 protein
Gene ID	5919
mRNA Refseq	NM_002889
Protein Refseq	NP_002880
MIM	601973
UniProt ID	Q99969

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3 μg by SDS-
PAGE under
reducing condition
and visualized by
coomassie blue stain



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