

Chemerin Active Protein | RARRES2 active protein

Human Chemerin

CATALOG # AAA79234	HOST E Coli	REACTIVITY Human
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PRODUCT SYNONYMS

Chemerin; Human Chemerin; RARRES2; TIG2; HP10433; RARRES2 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	> 98% by SDS-PAGE & HPLC analyses
Form/Format	Lyophilized
Sequence	ELTEAQRRLG QVALEEFHKK PPVQWAFQET SVESAVDTPF PAGIFVRLEF KLQQTSCRKR DWKKPECKVR PNGRKRKCLA CIKLGSEDKV LGRLVHCPIE TQVLREAEH QETQCLRVQR AGEDPHSFYF PGQFA
Sequence Length	163
Endotoxin Level	<0.1ng/ug of protein(<1EU/ug)
Length (aa)	135
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.
Biological Activity	Determined by its ability to chemoattract human immature dendritic cells using a concentration range of 1-100 ng/ml.
Preparation and Storage	The lyophilized protein is stable at room temperature for 1 month and at 4°C for 6 months. Reconstituted working aliquots are stable for 1 week at 2°C to 8°C and for 3 months at -20°C to -80°C.

ADDITIONAL INFORMATION

Related Product Information for RARRES2 active protein	Chemerin is a secreted chemoattractant protein that can signal through the chemokine like receptor-1 (CMKLR1). It is expressed in various tissues, including white adipose tissue, and circulates in blood as an inactive 143 amino acid precursor protein. Biologically active Chemerin is generated by proteolytic removal of C-terminal residues by several circulating proteases. Chemerin acts as a chemoattractant for cells expressing the CMKLR1 receptor, which includes certain dendritic cells, macrophages, and adipocytes. Recombinant human Chemerin is a 15.6 kDa protein consisting of 135 amino acid residues.
Product Categories/Family for RARRES2 active protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506427
NCBI GeneID	5919
NCBI Accession #	NP_002880.1

NCBI GenBank Nucleotide #	NM_002889.3
UniProt Accession #	Q99969 ; Q7LE02
Molecular Weight	15.6 kDa
NCBI Official Full Name	retinoic acid receptor responder protein 2
NCBI Official Synonym Full Names	retinoic acid receptor responder (tazarotene induced) 2
NCBI Official Symbol	RARRES2
NCBI Official Synonym Symbols	TIG2; HP10433
NCBI Protein Information	retinoic acid receptor responder protein 2; chemerin; RAR-responsive protein TIG2; tazarotene-induced gene 2 protein
UniProt Protein Name	Retinoic acid receptor responder protein 2
UniProt Gene Name	RARRES2
UniProt Synonym Gene Names	TIG2
UniProt Entry Name	RARR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-human-active-protein/chemerin/79234>