

Recombinant human Chemerin protein

Catalog Number: ATGP3500

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

21-157aa

UniProt No.

Q99969

NCBI Accession No.

NP_002880

Alternative Names

Retinoic acid receptor responder protein 2, RARRES2, HP10433, TIG2, Chemerin

PRODUCT SPECIFICATION

Molecular Weight

16.9 kDa (146aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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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.

Amino acid Sequence

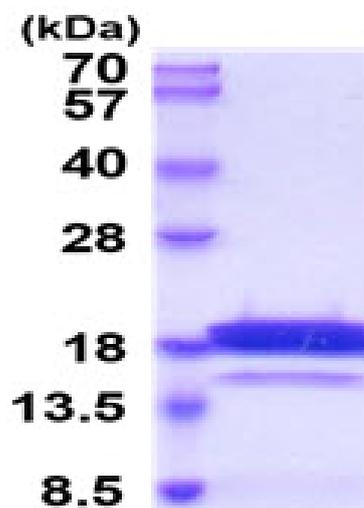
ADPELTEAQR RGLQVALEEF HKHPPVQWAF QETSVESA VD TPFPA GIFVR LEFKLQQTSC RKRDWKKPEC KVRPNGRKRK
CLACIKLGSE DKVLGRLVHC PIETQVLREA EEHQETQCLR VQRAGEDPHS FYFPGQFAFS HHHHHH

General References

Hatzigelaki E., et al, (2015) PLoS ONE 10:E0124935.
Zabel BA., et al, (2014) Am J Clin Exp Immunol. 3:1-19.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)