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Recombinant human Chemerin protein

Catalog Number: ATGP2091

PRODUCT INFORMATION

Expression system
E.coli

Domain
21-157aa

UniProt No.
Q99969

NCBI Accession No.
NP_002880

Alternative Names
Retinoic acid receptor responder protein 2, HP10433, TIG2, chemerin

PRODUCT SPECIFICATION

Molecular Weight
18 kDa (158aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE,Denatured

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, 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.

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Amino acid Sequence

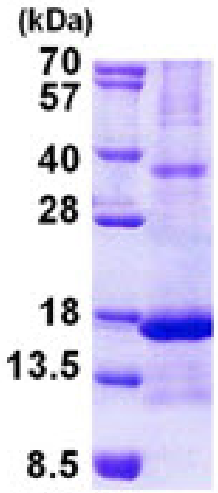
MGSSHHHHHH SSGLVPRGSH MELTEAQRRG LQVALEEFHK HPPVQWAFQE TSVESAVDTP FPAGIFVRLE FKLQQTSCRK RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAEE HQETQCLRVQ RAGEDPHSFY FPGQFAFS

General References

Lin X, Tang X, Jiang Q, et al. (2012). Clin Lab. 2012 58(5-6):539-44.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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