Datasheet for ABIN7596346

Chemerin Protein (AA 21-157) (His tag)

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Overview

Quantity:	500 µg
Target:	Chemerin (RARRES2)
Protein Characteristics:	AA 21-157
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Chemerin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ELTEAQRRGL QVALEEFHKH PPVQWAFQET SVESAVDTPF PAGIFVRLEF KLQQTSCRKR DWKKPECKVR PNGRKRKCLA CIKLGSEDKV LGRLVHCPIE TQVLREAEEH QETQCLRVQR AGEDPHSFYF PGQFAFS
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	Chemerin (RARRES2)
Alternative Name:	Chemerin (RARRES2 Products)
Background:	Chemerin, also known as retinoic acid receptor responder protein 2 (RARRES2), is a distant member of the Cystatin superfamily. It is involved in multiple cancers, including adrenocortical

Target Details

	carcinoma (ACC). This protein in serum is transcriptionally downregulated in multiple cancer types. On the other hands, overexpression of this protein inhibits Wnt/beta-catenin pathway activity by promoting beta-catenin phosphorylation and degradation. Also, it has been implicated in autocrine/paracrine signaling for adipocyte differentiation and also stimulation of lipolysis. It was found to stimulate chemotaxis of dendritic cells and macrophages to the site of inflammation. Recombinant human Chemerin protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	16.6 kDa (143aa)
NCBI Accession:	NP_002880
Pathways:	Brown Fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.