

Product datasheet for PH300383

Chemerin (RARRES2) (NM_002889) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RARRES2 MS Standard C13 and N15-labeled recombinant protein (NP_002880)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200383
Predicted MW:	18.6 kDa
Protein Sequence:	>RC200383 protein sequence Red=Cloning site Green=Tags(s) MRRLLIPLALWLGAVGVGVAELTEAQRRLQVALEEFHKHPPVQWAFQETSVESAVDTPFPAGIFVRLEF KLQQTSCRKRDWKKPECKVRPNGRKRKCLACIKLGSEDKVLGRLVHCPIETQVLREAEHQETQCLRVQR AGEDPHSFYFPGQFAFSKALPRS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002880</u>
RefSeq Size:	767
RefSeq ORF:	489
Synonyms:	HP10433; TIG2
Locus ID:	5919
UniProt ID:	<u>Q99969</u> , <u>A0A090N7U9</u>



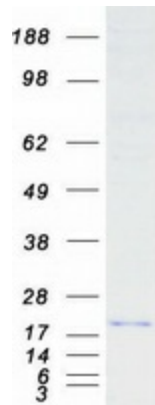
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Cytogenetics: 7q36.1

Summary: 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. [provided by RefSeq, Nov 2014]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Secreted Protein

Product images:



Coomassie blue staining of purified RARRES2 protein (Cat# [TP300383]). The protein was produced from HEK293T cells transfected with RARRES2 cDNA clone (Cat# [RC200383]) using MegaTran 2.0 (Cat# [TT210002]).