

PRODUCT INFORMATION

Warning: Undefined variable ShasAttributeValueDescription in C:\www.root\mirror.dimablo.com\wp-content\plugins\woocommerce-print-products\public\class-woocommerce-print-products-public.php on line 2806 C-Flag Tag Tag

CHEMERINR; ChemR23; DEZ; RVER1

Human CMKLR1 full length protein-synthetic nanodisc

Delivery In Stock Uniprot ID 099788 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Background

Molecular Weigh The human full length CMKLR1 protein has a MW of 42.3 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Formulation & Reconstitution

Storage & Shipping

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. To to alter for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized prom. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. Receptor for the chemoattractant adipokine chemenin/RARRES2 and for the omega-3 fatty acid derived molecule resolvin E1. Interaction with RARRES2 induces activation of intracellular signaling molecules, such as SKY, MARK1/3 (ERK1/2), MARK1/4/P38MAPK and P13K leading to multifunctional effects, like, reduction of immune responses, enhancing of adipogenesis and angionesis. Resolvin E1 down-regulates cytom production in marcophages by reducing the activation of MAPK1/3 (ERK1/2) and NF-kappa-B. Positively regulates adipogenesis and adipocyte metabolism. Acts as a coreceptor for several SN stransin (SVIMAC31/5, SVIMAC21/5, INMAC21/5, INMAC21

Usage Research use only Unconjugated

ELISA assay to evaluate CMKLR1-Nanodisc 0.2µg Human CMKLR1-Nanodisc per well

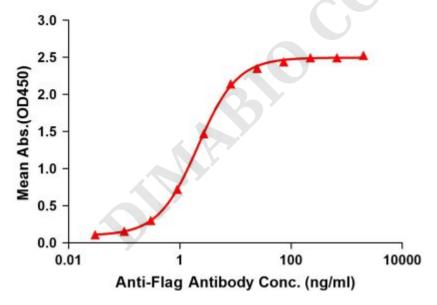


Figure 1. Elisa plates were pre-coated with Flag Tag CMKLR1-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with CMKLR1-Nanodisc is 2.107ng/ml.

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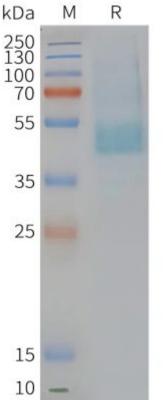


Figure 2. Human CMKLR1-Nanodisc, Flag Tag on SDS-PAGE



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