

PRODUCT INFORMATION

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Tag

Human GPR55 full length protein-synthetic nanodisc

Delivery Uniprot ID O9Y2T6 Expression Host HEK293

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways

Molecular Weigh The human full length GPR55 protein has a MW of 36.6 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

Store at -20°C to -80°C for 12 months in lyophilized form. 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. The store of the proteins of the Coproteins of the Coproteins of the Coproteins of the Coprotein coupled receptor superfamily. The encoded integral membrane protein is a likely cannabinoid receptor. It may be not in several physiological and pathological processes by activating a variety of signal transduction pathways. [provided by RefSeq. Aug 2013] Research use of the Coproduction of the Coproduct Storage & Shipping Background

Conjugate Unconjugated

ELISA assay to evaluate GPR55-Nanodisc 0.2µg Human GPR55-Nanodisc per well

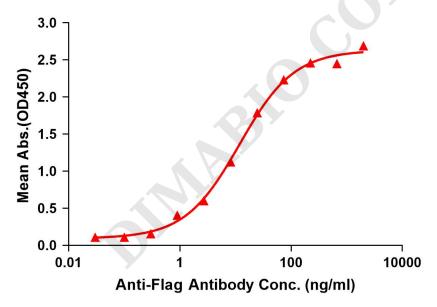


Figure 1. Elisa plates were pre-coated with Flag Tag GPR55-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with GPR55-Nanodisc is 11.86ng/ml.

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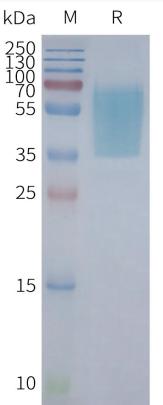


Figure 2. Human GPR55-Nanodisc, Flag Tag on SDS-PAGE



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