

Active Recombinant Human PLA2R1 Full Length Transmembrane protein(Nanodisc)

Cat. No. PLA2R1-1938H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human PLA2R1 Full Length Transmembrane protein(Q13018), was expressed in HEK293.

Species

Human

Source

HEK293

Form

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.

Bio-activity

Elisa plates were pre-coated with Flag Tag PLA2R1-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 PLA2R1-Nanodisc is 3.595ng/ml.

Molecular Mass

The human full length PLA2R1 protein has a MW of 168.6 kDa.

Storage

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.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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Full Length Full L.

GENE INFORMATION

Gene Name PLA2R1 phospholipase A2 receptor 1, 180kDa [Homo sapiens]

Official Symbol PLA2R1

Synonyms PLA2R; PLA2-R; PLA2IR; CLEC13C; PLA2G1R

Gene ID 22925

mRNA Refseq NM_007366.4

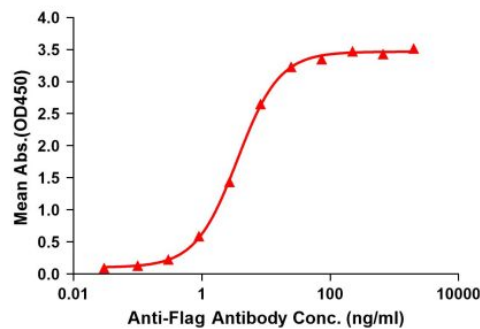
Protein Refseq NP_031392.3

MIM 604939

UniProt ID Q13018

Activity

ELISA assay to evaluate PLA2R1-Nanodisc
0.2µg Human PLA2R1-Nanodisc per well



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