

Active Recombinant Human CAV1 Full Length Transmembrane protein(Nanodisc)

Cat. No. CAV1-0389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAV1 Full Length Transmembrane protein(Q03135), 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 CAV1-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 CAV1-Nanodisc is 4.671ng/ml.
Molecular Mass	The human full length CAV1 protein has a MW of 20.3 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 CAV1 caveolin 1, caveolae protein, 22kDa [Homo sapiens]

Official Symbol CAV1

Synonyms CAV1; caveolin 1, caveolae protein, 22kDa; CAV, caveolin 1, caveolae protein, 22kD; caveolin-1; cell growth-inhibiting protein 32; CGL3; BSCL3; VIP21; MSTP085;

Gene ID 857

mRNA Refseq NM_001172895

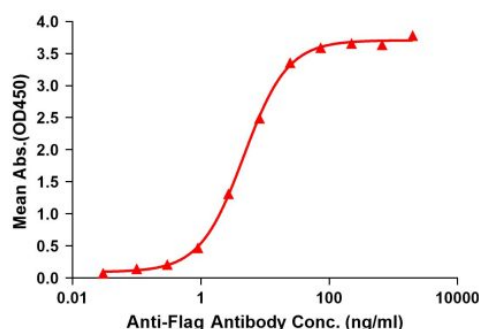
Protein Refseq NP_001166366

MIM 601047

UniProt ID Q03135

Activity

ELISA assay to evaluate CAV1-Nanodisc
0.2µg Human CAV1-Nanodisc per well



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SDS-PAGE



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