

Active Recombinant Human CD47 Full Length Transmembrane protein(Nanodisc)

Cat. No. CD47-5495H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human CD47 Full Length Transmembrane protein(Q08722), 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 CD47-Nanodisc (0.2µg/per well). Serial diluted anti-CD47 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CD47 monoclonal antibody binding with CD47-Nanodisc is 2.959ng/ml.

Molecular Mass

The human full length CD47 protein has a MW of 35.2 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

CD47 CD47 molecule [Homo sapiens]

Official Symbol

CD47

Synonyms

CD47; CD47 molecule; CD47 antigen (Rh related antigen, integrin associated signal transducer) , MER6; leukocyte surface antigen CD47; antigen identified by monoclonal 1D8; antigenic surface determinant protein OA3; CD47 glycoprotein; IAP; integrin associated protein; OA3; Rh related antigen; Rh-related antigen; integrin-associated protein; integrin-associated signal transducer; CD47 antigen (Rh-related antigen, integrin-associated signal transducer); MER6;

Gene ID

961

mRNA Refseq

NM_001777

Protein Refseq

NP_001768

MIM

601028

UniProt ID

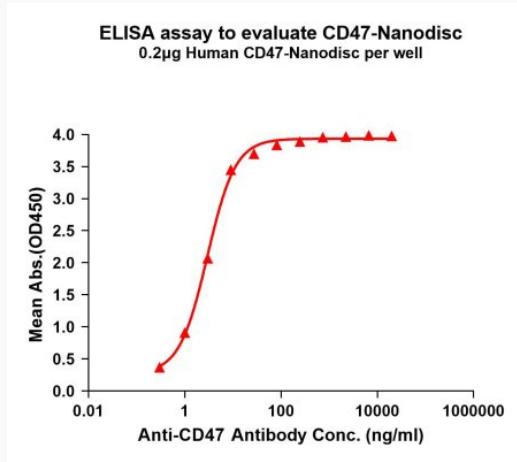
Q08722

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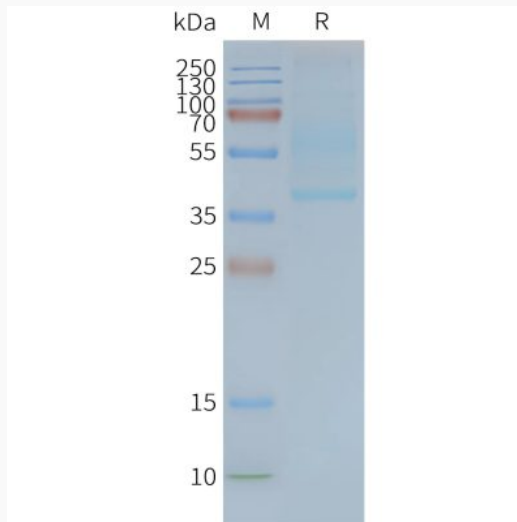
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Activity



SDS-PAGE



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