

Active Recombinant Human CD37 Full Length Transmembrane protein(Nanodisc)

Cat. No. CD37-486H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human CD37 Full Length Transmembrane protein(P11049), 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 CD37-Nanodisc (0.2µg/per well). Serial diluted anti-CD37 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CD37 monoclonal antibody binding with CD37-Nanodisc is 23.06ng/ml.

Molecular Mass

The human full length CD37 protein has a MW of 31.7 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Full Length Full L.

GENE INFORMATION

Gene Name [CD37 CD37 molecule \[Homo sapiens \]](#)

Official Symbol [CD37](#)

Synonyms CD37; CD37 molecule; CD37 antigen; leukocyte antigen CD37; TSPAN26; tspan-26; tetraspanin-26; leukocyte surface antigen CD37; cell differentiation antigen 37; GP52-40; MGC120234;

Gene ID [951](#)

mRNA Refseq [NM_001040031](#)

Protein Refseq [NP_001035120](#)

MIM [151523](#)

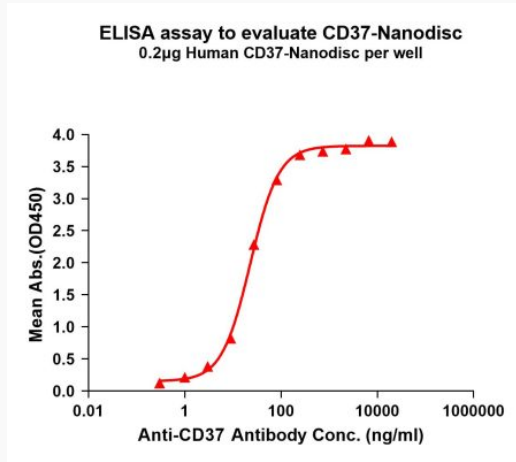
UniProt ID [P11049](#)

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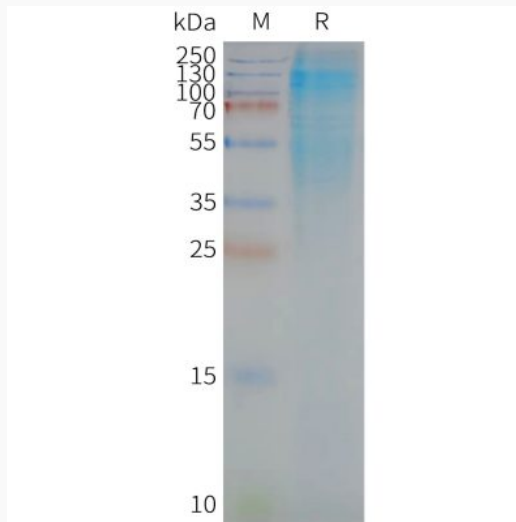
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Activity



SDS-PAGE



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