

# Active Recombinant Human CD37 Full Length Transmembrane protein(Nanodisc)

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD37 Full Length Transmembrane protein(P11049), was expressed in HEK293.                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 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.                                                                                          |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | The human full length CD37 protein has a MW of 31.7 kDa.                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | 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.                                                                     |
| <b>Reconstitution</b>   | 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** 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

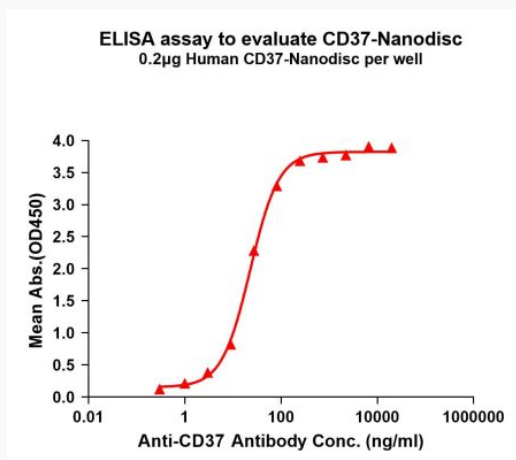
**UniProt ID** P11049

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## Activity



## SDS-PAGE

