

Product Information

NativeExtract™ Human CD37 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX440**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human CD37 protein in native nanodisc form. The synthetic compound we developed can solubilize the CD37 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

CD37

Protein Length

Full length

Molecular Weight

31.7 kDa

Sequence

Accession # [P11049](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target**Target Protein**

CD37

Full Name

CD37 molecule

Introduction

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

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

Gene ID

[951](#)

UniProt ID

[P11049](#)