

Product Information

MemDX™ Membrane Protein Human CD37 (CD37 molecule) Full Length

Cat. No.: **MPC1887K**

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

This product is a 31.7 kDa Human CD37 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CD37

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

31.7 kDa

TMD

4

Sequence

MSAQESCLSLIKYFLFVFNLFVFLGSLIFCFGIWILDKTSFVSFVGLA
FVPLQIWSKVLAIISGIFTMGIALLGCVGALKELRCLLGLYFGMLLLLFAT
QITLGILISTQRAQLERSLRDVVEKTIQKYGTNPEETAEEESWDYVQFQL
RCCGWHYPQDWFQVLILRGNGSEAHVRVPCSCYNLSATNDSTILDKVILPQ
LSRLGHLARSRHSADICAVPAESHIYREGCAQGLQKWLHNNLISIVGICL
GVGLLELGFMTLSIFLCRNLDHVYNRLARYR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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](#)