

Product Information

MemDX™ Membrane Protein Human CD37 (CD37 molecule) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2377K**

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

This product is a Human CD37 membrane protein expressed *in vitro* *E.coli* expression system. 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

Receptor

TMD

4

Sequence

MSAQESCLSLIKYFLFVFNLFVFLGSLIFCFGIWILDKTSFVSFVGLAFVPLQIWSKVLAISGIFTMGIALLGCVGALKELRCLLGLYFG

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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](#)