

Product Information

MemDX™ Membrane Protein Human CD2 (CD2 molecule) Full Length

Cat. No.: **MPC3119K**

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

This product is a made-to-order Human CD2 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

CD2

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MSFPCKFVASFLIFNVSSKGAVSKEITNALETWGALGQDINLDIPSFQM
SDDIDDIKWEKTSDDKKIAQFRKEKETFKEKDTYKLFKNGTLKIKHLKTD
DQDIYKVSIIYDTKGKNVLEKIFDLKIQERVSKPKISWTCINTTLTCEVMN
GTDPELNLYQDGKHLKLSQRVITHKWTTLSAKFKCTAGNKVSKESSVEP
VSCPEKGLDIYLIIGICGGGSLLMVFVALLVFYITKRKKQRSRRNDEELE
TRAHRVATEERGRKPHQIPASTPQNPATSQHPPPPPGHRSQAPSHRPPPP
GHRVQHQPQKRPPAPSGTQVHQQKGPPLPRPRVQPKPPHGAAENSLSPSS
N

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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**

CD2

Full Name

CD2 molecule

Introduction

The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene.

Alternative Names

CD2; T11; SRBC; LFA-2; T-cell surface antigen CD2; CD2 antigen (p50), sheep red blood cell receptor; LFA-3 receptor; T-cell surface antigen T11/Leu-5; erythrocyte receptor; lymphocyte-function antigen-2; rosette receptor; CD2 molecule

Gene ID

[914](#)

UniProt ID

[P06729](#)