

Product Information

MemDX™ Membrane Protein Human CD99 (CD99 molecule (Xg blood group)) Full Length

Cat. No.: **MPC2882K**

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

This product is a made-to-order Human CD99 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

CD99

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNENKKPTAIPKKPSAG
DDFDLGDVVDGENDDRPPNPPKMPNPNHPSSSGFSADLADGVS
GGEGKGGSDGGGSHRKEGEEADAPGVIPGIVGAVVAVAGAIISSFIAYQK
KKLCFKENAEQGEVDMESHNRNANAEPVQRTLLEK

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

CD99

Full Name

CD99 molecule (Xg blood group)

Introduction

The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus.

Alternative Names

CD99; MIC2; HBA71; MIC2X; MIC2Y; MSK5X; CD99 antigen; E2 antigen; MIC2 (monoclonal antibody 12E7); T-cell surface glycoprotein E2; antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; cell surface antigen 12E7; cell surface antigen HBA-71; cell surface antigen O13; surface antigen MIC2; CD99 molecule (Xg blood group)

Gene ID

[4267](#)

UniProt ID

[P14209](#)