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Product Information

MemDX™ Membrane Protein Human CD99 (CD99 molecule (Xg blood group)) for Antibody Discovery

Cat. No.: **MP0634J**
This product is for research use only and is not intended for diagnostic use.

This product is a 16.7 kDa Human CD99 membrane protein expressed in HEK293T. 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
Druggable Genome, Transmembrane

Molecular Weight
16.7 kDa

TMD
1

Sequence
MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNENKKPTAIPKKPSAGDDFDLGDAVVDGENDDPRPP
NPPKPMPNPNPNPNHPSSSGSFSDADLADGVSGGEGKGGSDGGGSHRKEGEEADAPGVIPGIVGAVVVAVAG
AISSFIAYQKKKLCFKENAEQGEVDMESHRNANAEPAVQRTLLEK

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

MIC2; HBA71; MIC2X; MIC2Y; MSK5X

Gene ID

4267

UniProt ID

P14209

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