

Product Information

MemDX™ Antibody Discovery - Human TREM2 (19-174) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP0477F**

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

This membrane protein is Human TREM2 (19-174). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

TREM2

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 21.0 kDa.

Sequence

AA His 19 - Ser 174 (Accession # Q9NZC2-1).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

His tag at the C-terminus, followed by an Avi tag.

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Conjugation

Biotin

Buffer

Please contact us for detailed information.

Storage

The product **MUST** be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions

Target

Target Protein

TREM2

Full Name

triggering receptor expressed on myeloid cells 2

Introduction

This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c; triggering receptor expressed on myeloid cells 2; triggering receptor expressed on monocytes 2; triggering receptor expressed on myeloid cells 2a

Gene ID

[54209](#)

UniProt ID

[Q9NZC2](#)