

Product Information

MemDX™ Membrane Protein Human TREM2 (Triggering receptor expressed on myeloid cells 2) Full Length

Cat. No.: **MPC1619K**

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

This product is a 25.4 kDa Human TREM2 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

TREM2

Protein Length

Full length

Protein Class

Receptor

Molecular Weight

25.4 kDa

TMD

1

Sequence

MEPLRLLILLFVTELSGAHNTTVFQGVAGQSLQVSCPYPDSMKHWGRRKAW
CRQLGEKGPCQRRVSTHNLWLLSFLRRWNGSTAITDDTLGGTLTITLRNL
QPHDAGLYQCQSLHGSEADTLRKVLVEVLADPLDHRDAGDLWFPGESESF
EDAHVEHSISRSLLEGEIPFPPTSILLLLACIFLIKILAASALWAAAWHG
QKPGTHPPSELDCGHDPGYQLQTLPLGLRDT

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

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

TREM2; PLOSL2; TREM-2; Trem2a; Trem2b; Trem2c; triggering receptor expressed on monocytes 2; triggering receptor expressed on myeloid cells 2a; Triggering receptor expressed on myeloid cells 2

Gene ID

[54209](#)

UniProt ID

[Q9NZC2](#)