

Product Information

MemDX™ Membrane Protein Human TREM1 (Triggering receptor expressed on myeloid cells 1) Full Length

Cat. No.: **MPC4013K**

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

This product is a made-to-order Human TREM1 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

TREM1

Protein Length

Full length

Protein Class

Receptor; Immunity

TMD

1

Sequence

MRKTRLWGLLWMLFVSELRAATKLTEEKYELKEGQTLVDKCDYTLEKFAS
SQKAWQIIRDGEMPKTLACTERPSKNSHPVQVGRIILEDYHDHGLLRVRM
VNLQVEDSGLYQCVIYQPPKEPHMLFDRIRLVVTKGFGSGTPGSNENSTQN
VYKIPPTTTKALCPLYTSPRTVTQAPPKSTADVSTPDSEINLTNVTDIIR
VPVFNIVILLAGGFLSKSLVFSVLFAVTLRSFVP

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

TREM1

Full Name

Triggering receptor expressed on myeloid cells 1

Introduction

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Alternative Names

TREM1; CD354; TREM-1; triggering receptor expressed on monocytes 1; Triggering receptor expressed on myeloid cells 1

Gene ID

[54210](#)

UniProt ID

[Q9NP99](#)