

Product Information

MemDX™ Membrane Protein Human TNFSF12 (TNF superfamily member 12) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3769K**

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

This product is a Human TNFSF12 membrane protein expressed *in vitro* E.coli expression system. 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

TNFSF12

Protein Length

Full Length

Protein Class

Receptor

TMD

1

Sequence

MAARRSQRRRGRRGEPGTALLVPLALGLGLALACLGLLLAVVSLGSRASLSAQEPAQEELVAEEDQDPSELNPQTEESQDPAPFLM

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis and SUMO tag

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

TNFSF12

Full Name

TNF superfamily member 12

Introduction

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine, which exists in both membrane-bound and secreted forms, can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Alternative splicing results in multiple transcript variants. Some transcripts skip the last exon of this gene and continue into the second exon of the neighboring TNFSF13 gene; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13.

Alternative Names

TNFSF12; APO3L; DR3LG; TWEAK; TNLG4A; tumor necrosis factor ligand superfamily member 12; APO3 ligand; APO3/DR3 ligand; TNF-related WEAK inducer of apoptosis; tumor necrosis factor (ligand) superfamily, member 12; tumor necrosis factor ligand 4A; tumor necrosis factor superfamily member 12; TNF superfamily member 12

Gene ID

[8742](#)

UniProt ID

[Q43508](#)