

Product Information

MemDX™ Membrane Protein Human TNFSF12 (TNF superfamily member 12) Full Length

Cat. No.: **MPC1395K**

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

This product is a 27.2 kDa Human TNFSF12 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

TNFSF12

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

27.2 kDa

TMD

1

Sequence

MAARRSQRRRGRRGEPGTALLVPLALGLGLALACLGLLLAVVSLGSRASL
SAQEPAQEELVAEEDQDPSELNPQTEESQDPAPFLNRLVRPRRSAPKGRK
TRARRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEEARINSSSPRYNRQI
GEFIVTRAGLYYLYCQVHFDEGKAVYLLDLLVDGVLALRCLEEFSAATAA
SSLGPQLRLCQVSGLLALRPGSSLRIRTLPPWAHLKAAPFLTYFGLFQVH

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**

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

[O43508](#)