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# Product Information

## MemDX™ Membrane Protein Human TNFRSF4 (TNF receptor superfamily member 4)

Cat. No.: **MP0176J**
This product is for research use only and is not intended for diagnostic use.

This product is a 26.6 kDa Human TNFRSF4 membrane protein expressed in HEK293T. 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**
TNFRSF4

**Protein Length**
Full-length

**Protein Class**
Transmembrane

**Molecular Weight**
26.6 kDa

**TMD**
1

**Sequence**
MCVGARRLGRGPCAALLLLGLGLSTVTGLHCVGDTYPSNDRCCHECRPGNGMVSRCSRSQNTVCRPCGPG
FYNDVVSSKPCKPCTWCNLRSGSERKQLCTATQDTVCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQA
CKPWTNCTLAGKHTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQGPSTRPVEVP
GGRAVAAILGLGLVLGLLGPLAILLALYLLRRDQRLPPDAHKPPGGGSFRTPIQEEQADAHSTLAKI

## Product Description

**Expression Systems**
HEK293T

**Tag**
C-Myc/DDK

**Form**
Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

## Target

**Target Protein**

TNFRSF4

**Full Name**

TNF receptor superfamily member 4

**Introduction**

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2IL1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.

**Alternative Names**

OX40; ACT35; CD134; IMD16; TXGP1L

**Gene ID**

7293

**UniProt ID**

P43489

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