

Product Information

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

Expressed in NS0 for Antibody Discovery, Partial (29-216aa)

Cat. No.: **MPX0541K**

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

This product is a 46.7 kDa Human TNFRSF4 membrane protein expressed in NS0. 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

Partial (29-216aa)

Protein Class

Receptor

Molecular Weight

46.7 kDa

TMD

1

Sequence

LHCVGDTYPSNDRCCHECRPGN
GMVSRCSRSQNTVCRPCGPGFYNDVVSSKPKPCTWCNLRSGSERKQLCT
ATQDQTVCRCRAGTQPLDSYKPGVDCAPCPPGHFSPGDNQACKPWTNCTLA
GKHTLQPASNSSDAICEDRDPPATQPQETQGPPARPITVQPTEAWPRTSQ
GPSTRPVEVPGGRAVA

Product Description

Activity

Yes

Expression Systems

NS0

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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**

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 BCL2L1/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

TNFRSF4; OX40; ACT35; CD134; IMD16; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 antigen; OX40 cell surface antigen; OX40 homologue; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; lymphoid activation antigen ACT35; tax-transcriptionally activated glycoprotein 1 receptor; TNF receptor superfamily member 4

Gene ID

[7293](#)

UniProt ID

[P43489](#)