

Product Information

MemDX™ Membrane Protein Human TNFRSF18 (TNF receptor superfamily member 18)

Expressed in CHO for Antibody Discovery, Partial (26-161aa)

Cat. No.: **MPX0283K**

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

This product is a 43 kDa Human TNFRSF18 membrane protein expressed in CHO. 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

TNFRSF18

Protein Length

Partial (26-161aa)

Protein Class

Receptor

Molecular Weight

43 kDa

TMD

1

Sequence

QRPTGGPGCGPGRLLLGTGTDARCC
RVHTTRCCRDYPGEECCSEWDCMCVQPEFHCGDPCCTTCRHHPCPPGQGV
QSQGKFSFGQCIDCASGTFSGGHEGHCKPWTDCQFGFLTVPGNKTHN
AVCVPGSPPAE

Product Description

Expression Systems

CHO

Tag

hIgG1 Fc and Avi tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 500 µg/mL in PBS.

Endotoxin

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

Purity

>95%, 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 with Trehalose.

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**

TNFRSF18

Full Name

TNF receptor superfamily member 18

Introduction

This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Alternative Names

TNFRSF18; AITR; GTR; CD357; GTR-D; ENERGEN; tumor necrosis factor receptor superfamily member 18; TNF receptor superfamily activation-inducible protein; activation-inducible TNFR family receptor; glucocorticoid-induced TNFR-related protein; TNF receptor superfamily member 18

Gene ID

[8784](#)

UniProt ID

[Q9Y5U5](#)