

Product Information

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

Cat. No.: **MP0832J**

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

This product is a 23.5 kDa Human TNFRSF18 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

TNFRSF18

Protein Length

Full-length

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

23.5 kDa

TMD

1

Sequence

MAQHGAMGAFRALCGLALLCALSLGQRPTGGPGCGPGRLLLGTGTDARCCRVHTTRCCRDYPGEECCSEW
DCMCVQPEFHCGDPCCTTCRHHPCPPGQGVQSQQKFSFGFQCIDCASGTFSGGHEGHCKPWT DCTQFGFL
TVFPGNKTHNAVCPGSPPAEPLGWLT VVLLAVAACVLLLTSAQLGLHIWQLRSQCMWPRETQLLLEVPP
STEDARSCQFP EEER GERSAEEKGRLGDLWW

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**

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

AITR; GITR; CD357; GITR-D; ENERGEN

Gene ID

[8784](#)

UniProt ID

[Q9Y5U5](#)