

Product Information

MemDX™ Membrane Protein Human TNFRSF1A (TNF receptor superfamily member 1A)

Expressed in *E.coli* with GST tag at the N-terminus for Antibody Discovery, Partial (31-210aa)

Cat. No.: **MPX4389K**

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

This product is a 47.2kDa Human TNFRSF1A membrane protein expressed in *E.coli*. 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

TNFRSF1A

Protein Length

Partial (31-210aa)

Protein Class

Receptor

Molecular Weight

47.2kDa

TMD

1

Sequence

VPHLGDREKRDSVCPQGKYIHPQNNISICCTKCHKGTLYNDPCPGQGQDTCRECESGSFTASENHLRHCLSCSKCRKEMGQVEIS

Product Description

Expression Systems

E.coli

Tag

GST tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

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**

TNFRSF1A

Full Name

TNF receptor superfamily member 1A

Introduction

This gene encodes a member of the TNF receptor superfamily of proteins. The encoded receptor is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mutations in this gene underlie tumor necrosis factor receptor-associated periodic syndrome (TRAPS), characterized by fever, abdominal pain and other features. Mutations in this gene may also be associated with multiple sclerosis in human patients.

Alternative Names

TNFRSF1A; FPF; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; tumor necrosis factor receptor superfamily member 1A; TNF-R1; TNF-RI; TNFR-I; tumor necrosis factor binding protein 1; tumor necrosis factor receptor type 1; tumor necrosis factor-alpha receptor; TNF receptor superfamily member 1A

Gene ID

[7132](#)

UniProt ID

[P19438](#)