

Product Information

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

Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3904K**

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

This product is a Human TNFRSF1A membrane protein expressed *in vitro* *E.coli* expression system. 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

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

LVPHLGDREKRDSVCPQGKYIHPQNNSICCTKCHKGTLYNDCPGPGQDTCRECESGSFTASENHLRHCLSCSKCRKEMGQVE

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis and SUMO tag

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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](#)