

Product Information

MemDX™ Antibody Discovery - Human TACI/TNFRSF13B (2-166) Membrane Protein, Partial, -hIgG1 Fc tag

Cat. No.: **MP0507F**

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

This membrane protein is Human TACI/TNFRSF13B (2-166). It has been tested in SDS-PAGE, ELISA, SPR, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

TACI/TNFRSF13B

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 44.6 kDa. The protein migrates as 33-34 kDa, 35 kDa and 50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Ser 2 - Thr 166 (Accession # O14836-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA, SPR, BLI

Expression Systems

HEK293

Tag

Human IgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>90% as determined by SDS-PAGE

Buffer

Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

TACI/TNFRSF13B

Full Name

TNF receptor superfamily member 13B

Introduction

The protein encoded by this gene is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It interacts with calcium-modulator and cyclophilin ligand (CAML). The protein induces activation of the transcription factors NFAT, AP1, and NF-kappa-B and plays a crucial role in humoral immunity by interacting with a TNF ligand. This gene is located within the Smith-Magenis syndrome region on chromosome 17.

Alternative Names

CVID; RYZN; TACI; CD267; CVID2; IGAD2; TNFRSF14B; tumor necrosis factor receptor superfamily member 13B; transmembrane activator and CAML interactor; tumor necrosis factor receptor 13B

Gene ID

[23495](#)

UniProt ID

[O14836](#)