

Product Information

MemDX™ Membrane Protein Human THBD (Thrombomodulin) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1352X**

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

This product is a 60.3 kDa Human THBD membrane protein expressed in *In vitro* wheat germ 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

THBD

Protein Length

Full-length

Molecular Weight

60.3 kDa

TMD

1

Sequence

MLGVVLGALALAGLGFPAEPQPGSQCVEHDCFALYPGPATFLNASQICDGLRGHLMTVRSSVAADVISLLNGDGGVGRRRI

Product Description

Application

Antibody Production

Expression Systems

In vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

THBD

Full Name

Thrombomodulin

Introduction

The protein encoded by this intronless gene is an endothelial-specific type I membrane receptor that binds thrombin. This binding results in the activation of protein C, which degrades clotting factors Va and VIIIa and reduces the amount of thrombin generated. Mutations in this gene are a cause of thromboembolic disease, also known as inherited thrombophilia.

Alternative Names

TM; THRM; AHUS6; BDCA3; CD141; BDCA-3; THPH12; thrombomodulin; CD141 antigen; fetomodulin

Gene ID

[7056](#)

UniProt ID

[P07204](#)