

Product Information

MemDX™ Membrane Protein Human TSPAN3 (Tetraspanin 3) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1450X**

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

This product is a 54.4 kDa Human TSPAN3 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

TSPAN3

Protein Length

Full-length

Molecular Weight

54.4 kDa

TMD

4

Sequence

MGQCGITSSKTVLVFLNLIFWGAAGILCYVGAYVFITYDDYDHHFFEDVYTLIPAVVIIAVGALLFIIGLIGCCATIRESRCGLATFVIILLV

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target**Target Protein**

TSPAN3

Full Name

Tetraspanin 3

Introduction

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The use of alternate polyadenylation sites has been found for this gene. Multiple alternative transcripts encoding different isoforms have been described.

Alternative Names

TM4-A; TM4SF8; TSPAN-3; tetraspanin-3; tetraspan 3; tetraspan TM4SF; tetraspanin TM4-A; transmembrane 4 superfamily member 8

Gene ID

[10099](#)

UniProt ID

[O60637](#)