

Product Information

MemDX™ Membrane Protein Human TSPAN32 (Tetraspanin 32) for Antibody Discovery

Cat. No.: **MP1015X**

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

This product is a 54.12 kDa Human TSPAN32 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

TSPAN32

Protein Length

Full-length

Molecular Weight

54.12 kDa

TMD

4

Sequence

MGPWSRVRVAKCQMLVTCFFILLGLSVATMVTLYFGAHFAVIRRASLEKNPYQAVHQWAFSAGLSLVGLLTLGAVLSAAATVREA

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

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

TSPAN32

Full Name

Tetraspanin 32

Introduction

This gene, which is a member of the tetraspanin superfamily, is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of chromosome 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian and breast cancers. This gene is located among several imprinted genes; however, this gene, as well as the tumor-suppressing subchromosomal transferable fragment 4, escapes imprinting. This gene may play a role in malignancies and diseases that involve this region, and it is also involved in hematopoietic cell function. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Alternative Names

ART1; PHMX; PHEMX; TSSC6; tetraspanin-32; pan-hematopoietic expression protein; protein Phemx; tumor-suppressing STF cDNA 6; tumor-suppressing subchromosomal transferable fragment cDNA 6; tumor-suppressing subtransferable candidate 6

Gene ID

[10077](#)

UniProt ID

[Q96QS1](#)