

Product Information

MemDX™ Membrane Protein Human TSPAN6 (Tetraspanin 6)

Cat. No.: **MP0283J**

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

This product is a 27.4 kDa Human TSPAN6 membrane protein expressed in HEK293T. 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

TSPAN6

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

27.4 kDa

TMD

4

Sequence

MASPSRRLQTKPVITCFKSVLLIYTFIFWITGVILLAVGIWGKVSLENYFSLLNEKATNVPFVLIATGTV
IILLGTFGCFATCRASAWMLKLYAMFLTLVFLVELVAAIVGVFRHEIKNSFKNNYEKALKQYNSTGDYR
SHAVDKIQNTLHCCGVTDYRDWTDNYYSEKGFPSCKLEDCTPQRDADKVNNEGCFIKVMTIIESEMG
VVAGISFGVACFQLIGIFLAYCLSRAITNNQYEIV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

TSPAN6

Full Name

Tetraspanin 6

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 protein encoded by this gene is a cell surface glycoprotein and is highly similar in sequence to the transmembrane 4 superfamily member 2 protein. It functions as a negative regulator of retinoic acid-inducible gene 1-like receptor-mediated immune signaling via its interaction with the mitochondrial antiviral signaling-centered signalosome. This gene uses alternative polyadenylation sites, and multiple transcript variants result from alternative splicing.

Alternative Names

T245; TM4SF6; TSPAN-6; A15 homolog; putative NF-kappa-B-activating protein 321; tetraspan TM4SF; transmembrane 4 superfamily member 6

Gene ID

[7105](#)

UniProt ID

[O43657](#)