

Product Information

MemDX™ Membrane Protein Human TSPAN6 (Tetraspanin 6) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2290K**

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

This product is a Human TSPAN6 membrane protein expressed *in vitro* E.coli 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

TSPAN6

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MASPSRRLQTKPVITCFKSVLLIYTFIFWITGVILLAVGIWGKVSLENYFSLLNEKATNVPFVLIATGTVIIIIGTFGCFATCRSAWMLK

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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 I-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

TSPAN6; T245; TM4SF6; TSPAN-6; A15 homolog; putative NF-kappa-B-activating protein 321; tetraspan TM4SF; tetraspanin TM4-D; transmembrane 4 superfamily member 6; Tetraspanin 6

Gene ID

[7105](#)

UniProt ID

[Q43657](#)