

Product Information

MemDX™ Membrane Protein Human TSPAN7 (Tetraspanin 7) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2301K**

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

This product is a Human TSPAN7 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

TSPAN7

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MASRRMETKPVITCLKTLLIYSFVFWITGVILLAVGVWGKLTGLTYISLIAENSTNAPYVLIGTGTTIVVFGLFGCFATCRGSPWMLKLY

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis and SUMO tag

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

TSPAN7

Full Name

Tetraspanin 7

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. This encoded protein is a cell surface glycoprotein and may have a role in the control of neurite outgrowth. It is known to complex with integrins. This gene is associated with X-linked cognitive disability and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy.

Alternative Names

TSPAN7; A15; MXS1; CD231; MRX58; CCG-B7; TM4SF2; XLID58; TALLA-1; TM4SF2b; DXS1692E; CD231 antigen; T-cell acute lymphoblastic leukemia associated antigen 1; cell surface glycoprotein A15 membrane component chromosome X surface marker 1; membrane component, X chromosome, surface marker 1; tetraspanin protein; transmembrane 4 superfamily 2b; transmembrane 4 superfamily member 2; transmembrane protein A15; tspan-7; Tetraspanin 7

Gene ID

[7102](#)

UniProt ID

[P41732](#)