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Product Information

MemDX™ Membrane Protein Human TMC6 (Transmembrane channel like 6) for Antibody Discovery

Cat. No.: **MP0343X**
This product is for research use only and is not intended for diagnostic use.

This product is a 74.58 kDa Human TMC6 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
TMC6

Protein Length
Full-length

Molecular Weight
74.58 kDa

TMD
10

Sequence
MAHSFGESYRVGSTSGIHAITVFCSWDYKVTQKRASRLQQDNIRTRLKELLAEWQLRHSPRSVCGRLRQAAVLGLVWLLCLGTALQ

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

TMC6

Full Name

Transmembrane channel like 6

Introduction

Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squamous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent genes located on chromosome 17q25.3. Both of these genes encode integral membrane proteins that localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 10 transmembrane domains and 2 leucine zipper motifs

Alternative Names

EV1; EVER1; EVIN1; FLJ17776; LAK-4P; epidermodysplasia verruciformis 1; expressed in activated T/LAK lymphocytes

Gene ID

11322

UniProt ID

Q7Z403

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