

Product Information

MemDX™ Membrane Protein Human MARVELD2 (MARVEL domain containing 2) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2820K**

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

This product is a Human MARVELD2 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

MARVELD2

Protein Length

Full Length

Protein Class

Receptor

TMD

6

Sequence

MSNDGRSRNRDRRYDEVPSDLPYQDTTIRTHPTLHDSERAVSADPLPPPPLPLQPPFGPDFYSSDTEEPAIAPDLKPVRRFVPDSW

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

MARVELD2

Full Name

MARVEL domain containing 2

Introduction

The protein encoded by this gene is a membrane protein found at the tight junctions between epithelial cells. The encoded protein helps establish epithelial barriers such as those in the organ of Corti, where these barriers are required for normal hearing. Defects in this gene are a cause of deafness autosomal recessive type 49 (DFNB49). Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

MARVELD2; Tric; DFNB49; MARVD2; MRVLDC2; MARVEL domain-containing protein 2; MARVEL (membrane-associating) domain containing 2; tricellulin; MARVEL domain containing 2

Gene ID

[153562](#)

UniProt ID

[Q8N4S9](#)