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Product Information

MemDX™ Membrane Protein Human TMEM185A (Transmembrane protein 185A) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX3417K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human TMEM185A 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
TMEM185A

Protein Length
Full Length

Protein Class
Receptor

TMD
7

Sequence
MNLRGLFQDFNPSKFLIYACLLLFSVLLALRLDGIIQWSYWAVFAPIWLWKLMVIVGASVGTGVWARNPQYRAEGETCVEFKAMLIA

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

TMEM185A

Full Name

Transmembrane protein 185A

Introduction

The protein encoded by this gene is predicted to be a transmembrane protein. This gene is best known for localizing to the CpG island of the fragile site FRAXF. The 5' untranslated region of this gene contains a CGG trinucleotide repeat sequence that normally consists of 7-40 tandem CGG repeats but which can expand to greater than 300 repeats. Methylation of the CpG island leads to transcriptional silencing of this gene, but neither the silencing nor an expanded repeat region appear to manifest itself in a clear phenotypic manner. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on the X chromosome.

Alternative Names

TMEM185A; ee3; FRAXF; FAM11A; CXorf13; family with sequence similarity 11, member A; fragile site, folic acid type, rare, fra(X)(q28) F; Transmembrane protein 185A

Gene ID

84548

UniProt ID

Q8NFB2