

Product Information

MemDX™ Membrane Protein Human TTYH1 (Tweety family member 1) Full Length

Cat. No.: **MPC0976K**

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

This product is a 49 kDa Human TTYH1 membrane protein expressed in HEK293. 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

TTYH1

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

49 kDa

TMD

5

Sequence

MGAPPGYRPSAWVHLLHQLPRADFQLRPVPSVFAPQEQEYQQALLLVAAL
AGLGLGLSLIFIAVYLIRFCCCRPPEPPGSKIPSPGGGCVTWSCIVALLA
GCTGIGIGFYGNSETSDGVSQSSALLHANHTLSTIDHLVLETVERLGEA
VRTELTTLEEVLEPRTLVAAARGARRQAEAAAQQLQGLAFWQGVPLSPL
QVAENVSFVEEYRWLAYVLLLLLELLVCLFTLLGLAKQSKWLIVMTVMS
LLVLVLSWGSMLAATAVGLSDFCSNPDYVNLNLTQEETGLSSDILSY
LLCNRAVSNPFQQLTSLQRALANIHSQLLGLEREAVPQFSAQKPLLSL
EETLNVTEGNFHLVALLHCRSLHKDYGAALRGLCEDALEGLLFLFLSL
LSAGALATALCSLPRAWALFPPSDDYDDTDDDDPFNPQESKRQVQWQSSI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

TTYH1

Full Name

Tweety family member 1

Introduction

This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-independent, volume-sensitive large conductance chloride(-) channel. Three transcript variants encoding distinct isoforms have been identified for this gene.

Alternative Names

Protein tweety homolog 1; hTTY1; tweety homolog 1; TTYH1; Tweety family member 1

Gene ID

[57348](#)

UniProt ID

[Q9H313](#)