

Product Information

MemDX™ Membrane Protein Human LHFPL5 (LHFPL tetraspan subfamily member 5) Full Length

Cat. No.: **MPC1004K**

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

This product is a 24.2 kDa Human LHFPL5 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

LHFPL5

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

24.2 kDa

TMD

4

Sequence

MVKLLPAQEAAKIYHTNYVRNSRAVGVMWGTLTICFSVLVMALFIQPYWI
GDSVNTPQAGYFGLFSYCVGNVLSSLEICKGGPLDFSSIPSRAFKTAMFF
VALGMFLIIGSIICFSLFFICNTATVYKICAWMQLAAATGLMIGCLVYPD
GWDSSERRRMCGEQTGKYTLGHCTIRWAFMLAIALSIGDALILSFLAFVLG
YRQDKLLPDDYKADGTEEV

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

LHFPL5

Full Name

LHFPL tetraspan subfamily member 5

Introduction

This gene is a member of the lipoma HMGIC fusion partner (LHFP) gene family, which is a subset of the superfamily of tetraspan transmembrane protein encoding genes. Mutations in this gene result in deafness in humans, and a mutation in a similar gene in mice results in deafness and vestibular dysfunction with severe degeneration of the organ of Corti. It is proposed to function in hair bundle morphogenesis.

Alternative Names

LHFPL5; TMHS; DFNB67; dJ510O8.8; LHFPL tetraspan subfamily member 5 protein; LHFP-like protein 5; lipoma HMGIC fusion partner-like 5 protein; tetraspan membrane protein of hair cell stereocilia; LHFPL tetraspan subfamily member 5

Gene ID

[222662](#)

UniProt ID

[Q8TAF8](#)