

Product Information

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

Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2218K**

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

This product is a Human LHFPL5 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

LHFPL5

Protein Length

Full Length

Protein Class

Transport

TMD

4

Sequence

MVKLLPAQEAAKIYHTNYVRNSRAVGVMWGTLTICFSLVLMALFIQPYWIGDSVNTPQAGYFGLFSYCVGNVLSSSELICKGGPLDFS

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

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; 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](#)