

Product Information

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

Cat. No.: **MP0634X**

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

This product is a 50.6 kDa Human LHFPL5 membrane protein expressed in *in vitro* wheat germ 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

Molecular Weight

50.6 kDa

TMD

4

Sequence

MVKLLPAQEAAKIYHTNYVRNSRAVGVMWGTLTICFSVLVMAIFIQPYWIGDSVNTPQAGYFGLFSYCVGNVLSSSELICKGGPLDFS

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

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

TMHS; DFNB67; dJ510O8.8

Gene ID

[222662](#)

UniProt ID

[Q8TAF8](#)