

Product Information

MemDX™ Membrane Protein Human LMBR1 (Limb development membrane protein 1) Full Length

Cat. No.: **MPC2562K**

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

This product is a made-to-order Human LMBR1 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

LMBR1

Protein Length

Full length

Protein Class

Receptor

TMD

9

Sequence

MEGQDEVSAREQHFHSQVRESTICFLLFAILYVVSFYITRYKRKSDEQE
DEDAIVNRISLFLSTFTLAVSAGAVLLLPFSIISNEILLSFPQNYIIQWL
NGSLIHGLWNLASLFSNLCLFVLMPPAFFFFLESEGFAGLKKGIRARILET
LVMLLLLALLILGIVVVASALIDNDAASMESLYDLWEFYLPYLYSCISLM
GCLLLLLCTPVGLSRMFTVMGQLLVKPTILEDLDEQIYIITLEEEALQRR
LNLSSSVVEYNIMELEQELENVKTLLKTLERRKKASAWERNLVYPVMVL
LLIETISISVLLVACNILCLLVDETAMPKGTRGPGIGNASLSTFGFVGAAL
EILIFYLMVSSVVGIFYSLRFFGNFTPKDDTTMTKIIGNCVSILVLSSA
LPVMSRTLGITRFDLLGDFGRFNWLGNFYIVLSYNLLFAIVTTLCCLVRKF
TSAVREELFKALGLHKLHLPNTSRDSETAKPSVNGHQKAL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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**

LMBR1

Full Name

Limb development membrane protein 1

Introduction

This gene encodes a member of the LMBR1-like membrane protein family. Another member of this protein family has been shown to be a lipocalin transmembrane receptor. A highly conserved, cis-acting regulatory module for the sonic hedgehog gene is located within an intron of this gene. Consequently, disruption of this genic region can alter sonic hedgehog expression and affect limb patterning, but it is not known if this gene functions directly in limb development. Mutations and chromosomal deletions and rearrangements in this genic region are associated with acheiropody and preaxial polydactyly, which likely result from altered sonic hedgehog expression.

Alternative Names

LMBR1; LSS; TPT; ZRS; ACHP; PPD2; THYP; DIF14; C7orf2; limb region 1 protein homolog; differentiation-related gene 14 protein; limb region 1 homolog; Limb development membrane protein 1

Gene ID

[64327](#)

UniProt ID

[Q8WVP7](#)