

Product Information

MemDX™ Membrane Protein Human LEPROT (Leptin receptor overlapping transcript) Full Length

Cat. No.: **MPC4633K**

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

This product is a made-to-order Human LEPROT 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

LEPROT

Protein Length

Full length

Protein Class

Receptor

TMD

4

Sequence

MAGVKALVALSFSGAIGLTFLMLGCALEDYGVYWPLFVLIFHAISPIPHF
IAKRVTYDSDATSSACRELAYFFTTGIVVSAFGFPVILARVAVIKWGACG
LVLGNAVIFLTIQGFFLIFGRGDDFSWEQW

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**

LEPROT

Full Name

Leptin receptor overlapping transcript

Introduction

LEPROT is associated with the Golgi complex and endosomes and has a role in cell surface expression of growth hormone receptor (GHR; MIM 600946) and leptin receptor (OBR, or LEPR; MIM 601007), thereby altering receptor-mediated cell signaling.

Alternative Names

LEPROT; LEPR; VPS55; OBRGRP; OB-RGRP; leptin receptor gene-related protein; DnaJ (Hsp40) homolog, subfamily C, member 6; OB-R gene-related protein; endospanin; endospanin-1; leptin receptor overlapping transcript protein; Leptin receptor overlapping transcript

Gene ID

[54741](#)

UniProt ID

[O15243](#)