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Product Information

MemDX™ Membrane Protein Human GPIHBP1 (Glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1) Expressed *in vitro E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX1238K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human GPIHBP1 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
GPIHBP1

Protein Length
Full Length of Mature Protein

Protein Class
Transport

Sequence
QTQQEEEEEDEDHGPDDYDEEDEDEVEEEETNRLPGGRSRVLLRCYTCKSLPRDERCNLTQNCSHGQTCTTLIAHGNTESGLLTT

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

GPIHBP1

Full Name

Glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1

Introduction

This gene encodes a capillary endothelial cell protein that facilitates the lipolytic processing of triglyceride-rich lipoproteins. The encoded protein is a glycosylphosphatidylinositol-anchored protein that is a member of the lymphocyte antigen 6 (Ly6) family. This protein plays a major role in transporting lipoprotein lipase (LPL) from the subendothelial spaces to the capillary lumen. Mutations in this gene are the cause of hyperlipoproteinemia, type 1D. Alternate splicing results in multiple transcript variants.

Alternative Names

GPIHBP1; HYPL1D; GPI-HBP1; GPI anchored high density lipoprotein binding protein 1; GPI-anchored HDL-binding protein 1; endothelial cell LPL transporter; Glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1

Gene ID

338328

UniProt ID

Q8IV16

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