

# Product Information

## **MemDX™ Antibody Discovery - Human FGL1 (23-312) Membrane Protein, Partial, Avi- hIgG1 Fc- tag, [Biotin]**

Cat. No.: **MP0099F**

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

This membrane protein is Human FGL1 (23-312). It has been tested in SDS-PAGE, ELISA, BLI, FACS. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### Host Species

Human

#### Target Protein

FGL1

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 62.1 kDa. The protein migrates as 65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### Sequence

AA Leu 23 - Ile 312 (Accession # Q08830-1).

### Product Description

#### Activity

Yes

#### Application

SDS-PAGE, ELISA, BLI, FACS

#### Expression Systems

HEK293

#### Tag

Avi tag at the N-terminus, followed by a human IgG1 Fc tag

#### Protein Format

Soluble

#### Form

LYOPH

### Reconstitution

Please see Certificate of Analysis for specific instructions.

### Endotoxin

<1.0 EU/μg by the LAL method

### Conjugation

Biotin

### Purity

>95% as determined by SDS-PAGE.

### Buffer

Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

### Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

## Target

### Target Protein

FGL1

### Full Name

fibrinogen like 1

### Introduction

Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene.

### Alternative Names

HPS; HFREP1; HP-041; LFIRE1; LFIRE-1; fibrinogen-like protein 1; hepassocin; hepatocellular carcinoma-related sequence; hepatocyte-derived fibrinogen-related protein 1; liver fibrinogen-related protein 1

### Gene ID

[2267](#)

### UniProt ID

[Q08830](#)