

# Recombinant Human FGL1 Protein (mFc Tag)

Catalog Number:PKSH033679



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

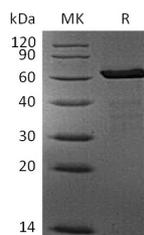
## Description

<b>Synonyms</b>	Fibrinogen-like protein 1;FGL1;HP-041;Hepassocin;HFREP-1;LFIRE-1
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Leu23-Ile312
<b>Accession</b>	Q08830
<b>Calculated Molecular Weight</b>	60.6 kDa
<b>Observed molecular weight</b>	60-65 kDa
<b>Tag</b>	C-mFc
<b>Bioactivity</b>	Immobilized Human LAG-3(Cat: PKSH033596) at 5 $\mu$ g/ml(100 $\mu$ l/well) can bind Human FGL1-Fc. The ED <sub>50</sub> of Human FGL1-Fc is 30-90 ng/ml.

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, 5% Trehalose, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Hepassocin; also known as hepatocyte-derived fibrinogen-related protein 1 (HFREP-1); is a liver-specific secreted protein belonging to the fibronogen superfamily; whose members share a fibrinogen domain at their C-termini. It is secreted by the liver and functions as a mitogen for hepatocytes. Hepassocin may play a role in the development of hepatocellular carcinomas. Hepassocin is a disulfide-linked homodimeric protein with a C-terminal fibrinogen domain. It is reported that it is a major immune inhibitory ligand of LAG-3 .

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