# **Recombinant Human FGL1 Protein (mFc Tag)**

Catalog Number: PKSH033679



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

## **Description**

Synonyms Fibrinogen-like protein 1;FGL1;HP-041;Hepassocin;HFREP-1;LFIRE-1

Species Human

Expression Host

Sequence

Leu23-Ile312

Accession

Calculated Molecular Weight

Observed molecular weight

Tag

HEK293 Cells

Leu23-Ile312

Q08830

60.6 kDa

60-65 kDa

C-mFc

**Bioactivity** Immobilized Human LAG-3(Cat: PKSH033596) at 5μg/ml(100 μl/well) can bind

Human FGL1-Fc. The ED<sub>50</sub> of Human FGL1-Fc is 30-90 ng/ml.

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage** 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.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, 5% Trehalose, pH 7.4.

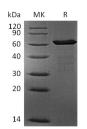
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manua

**Reconstitution** 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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