

Recombinant Human FGL1 Protein (mFc Tag)

Catalog Number:PKSH033679



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

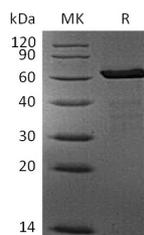
Description

| | |
|------------------------------------|---|
| Synonyms | Fibrinogen-like protein 1;FGL1;HP-041;Hepassocin;HFREP-1;LFIRE-1 |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Leu23-Ile312 |
| Accession | Q08830 |
| Calculated Molecular Weight | 60.6 kDa |
| Observed molecular weight | 60-65 kDa |
| Tag | C-mFc |
| Bioactivity | Immobilized Human LAG-3(Cat: PKSH033596) at 5µg/ml(100 µl/well) can bind Human FGL1-Fc. The ED ₅₀ 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 manual |
| 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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