

Recombinant Human FGL1/HFREP1 protein (His tag)

Catalog No. PDMH100119

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

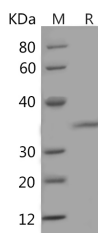
Description

Synonyms	Fibrinogen-like protein 1;FGL1;HP-041;Hepassocin;HFREP-1;LFIRE-1
Species	Human
Expression Host	HEK293 Cells
Sequence	Met1-Ile312
Accession	Q08830
Calculated Molecular Weight	34.2 kDa
Observed molecular weight	35 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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 sterile PBS, 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	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis

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

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belonging to the fibrinogen 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.