Recombinant Human FGL1 Protein (mFc Tag)

Catalog Number: PKSH033679

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

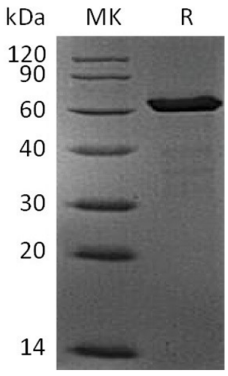
Description

Species	Human
Source	HEK293 Cells-derived Human FGL1 protein Leu23-Ile312, with an C-terminal mFc
Calculated MW	60.6 kDa
Observed MW	60-65 kDa
Accession	Q08830
Bio-activity	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 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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% Tween 80 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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