



Recombinant Protein Technical Manual
Recombinant Human FGL1 Protein (mFc Tag)(Active)
RPES2737

Product Data:

Product SKU: RPES2737

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q08830

Protein Information:

Molecular Mass: 60.6 kDa

AP Molecular Mass: 60-65 kDa

Tag: C-mFc

Bio-activity: Immobilized Human LAG-3(Cat: PKSH033596) at 5µg/ml(100 µl/well) can bind Human FGL1-Fc. The ED50 of Human FGL1-Fc is 2.1 ug/ml.

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

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°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% Thehalose, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application: Functional ELISA

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

Immunogen Information:

Sequence: Leu23-Ile312

Background:

Hepassocin, also known as hepatocyte-derived fibrinogen-related protein 1 (HFREP), 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 .