



Recombinant Protein Technical Manual
Recombinant Human FGL1 Protein (His Tag)(Active)
RPES2757

Product Data:

Product SKU: RPES2757

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q08830

Protein Information:

Molecular Mass: 35 kDa

AP Molecular Mass: 35 kDa

Tag: C-His

Bio-activity: Immobilized Human FGL1-His at 5µg/ml(100 µl/well) can bind Human LAG-3-Fc(Cat: PKSH033597). The ED50 of Human FGL1-His is 0.059µg/mL.

Purity: > 90% as determined by reducing SDS-PAGE.

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice. Upon receipt, store it immediately at<-20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris,300mM NaCl, 10% Glycerol,2mMEDTA,pH 8.0.

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.