

Recombinant Human FGL1 Protein (mFc Tag)(Active)

Catalog No. PKSH033679

Description

Synonyms	Fibrinogen-like protein 1; FGL1; HP-041; Hepassocin; HFREP-1; LFIRE-1
Species	Human
Expression_host	Human Cells
Sequence	Leu23-Ile312
Accession	Q08830
Mol_Mass	60.6 kDa
AP_Mol_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 µg/ml.

Properties

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.

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 .

SDS-PAGE

