

FGL1 Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P77366
Synonyms:	Fibrinogen-like protein 1; FGL1; HP-041; Hepassocin; HFREP-1; LFIRE-1
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005562748 (M37-I348)
Gene ID:	102118020
Molecular Weight:	Approximately 56.94 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Fibrin-as-protein 1, a member of the fibrinogen family, is a specific hepatocyte mitogen. FGL1 regulates the expression of proliferative factors, promotes liver regeneration and repairs liver injury. FGL1 inhibits T-cell activation by binding to LAG3. FGL1 promotes cell proliferation by activating the ERK/p-ERK pathway. FGL1 inhibits apoptosis of non-small cell lung cancer (NSCLC) cells by inhibiting PARP1/caspase 3 pathway ^{[1][2][3]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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