32-13234: FGL1 Human

Alternative Name : Fibrinogen-like protein 1, HP-041, Hepassocin, Hepatocyte-derived fibrinogen-related protein 1, HFREP-1, Liver fibrinogen-related protein 1, LFIRE-1, FGL1, HFREP1.

Description

Source: Escherichia Coli.
Filtered White lyophilized (freeze-dried) powder.
FGL1 belongs to the fibrinogen family. Fibrinogen Like 1 is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which comprises the 4 conserved cysteines of fibrinogens and fibrinogen related proteins. FGL1 lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. Fibrinogen takes part in the development of hepatocellular carcinomas.
FGL1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 23-312) containing 300 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 35.3kDa (calculated).

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	FGL1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in in 100 mM carbonate buffer, pH 9.2. It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. FGL1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Storage condition :	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Amino Acid :	MKHHHHHHAS LEDCAQEQMR LRAQVRLLET RVKQQQVKIK QLLQENEVQF LDKGDENTVI DLGSKRQYAD CSEIFNDGYK LSGFYKIKPL QSPAEFSVYC DMSDGGGWTV IQRRSDGSEN FNRGWKDYEN GFGNFVQKHG EYWLGNKNLH FLTTQEDYTL KIDLADFEKN SRYAQYKNFK VGDEKNFYEL NIGEYSGTAG DSLAGNFHPE VQWWASHQRM KFSTWDRDHD NYEGNCAEED QSGWWFNRCH SANLNGVYYS GPYTAKTDNG IVWYTWHGWW YSLKSVVMKI RPNDFIPNVI.