BioVendor - Laboratorní medicína a.s.
Karásek 1767/1
621 00 Brno-Řečkovice a Mokrá Hora

Date of issue: 22.10.2018

PRODUCT DATASHEET

Fibrinogen-Like Protein 1 Human E.coli

Cat. No.: RD172522100
Type: Recombinant protein
Size: 0.1mg
Source: E. coli
Species: Human

Description

Total 300 AA. MW: 35.3 kDa (calculated). UniProtKB acc. no. Q08830 (Leu23–Ile312). N-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Other names

FGL1, HP-041, Hepassocin, Hepatocyte-derived fibrinogen-related protein 1, HFREP-1, Liver fibrinogen-related protein 1, LFIRE-1, HFREP1

Amino Acid sequence

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

Purity

Purity as determined by densitometric image analysis: > 90 %

Endotoxin

< 1.0 EU/µg

Formulation:

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml solution in 100 mM carbonate buffer, pH 9.2.

Reconstituion:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

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To find the office closest to you, visit www.biovendor.com/contact

Storage, Stability/Shelf Life
Store lyophilized protein at –80°C. Lyophilized protein remains stable until the expiry date when stored at –80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at –80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

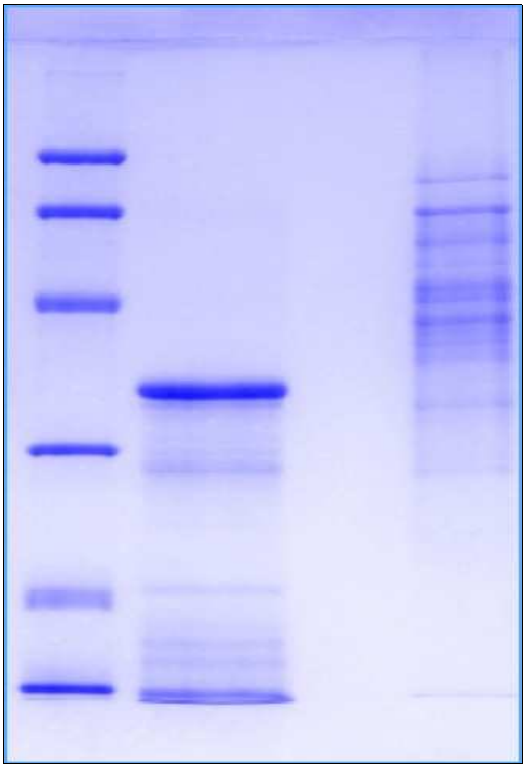
Quality control
BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

LAL to determine quantity of endotoxin.

Applications
ELISA, Western blotting

Note
This product is intended for research use only.



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