Placenta Growth Factor Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: PLGF, PGF, PGFL

Cat. No.:
RD172390100 (0.1 mg)

Description

Total 123 AA. MW: 13.8 kDa (calculated). UniProtKB acc. no. P49763 (Leu19-Arg131). N-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

MKHHHHHHAS LPAVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV SLLRCTGCCG DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVRC ECR

Source

E. coli

Purity

Purity as determined by densitometric image analysis: > 95%

Endotoxin

< 1.0 EU/µg

Formulation

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml solution in PBS and 5% w/v trehalose, pH 7.4

Reconstitution

Add 200 µl of 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.

Storage, Stability/Shelf Life

Store the 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 Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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