

BioVendor - Laboratorní medicína a.s.

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PRODUCT DATA SHEET

Fibroblast Growth Factor 21 Human E. coli Tag free

Cat. No.: RD172108100-B Source: E. coli Species: Human Size: 0.1 mg Type: Recombinant protein

Other Names:

FGF-21, UNQ3115/PRO10196

Description:

Total 182 AA. Mw: 19.7 kDa (calculated). UniProtKB acc.no. Q9NSA1. 181AA of the Human FGF21 and one extra AA, N-terminal methionin.

Amino Acid Sequence:

MHPIPDSSPL LQFGGQVRQR YLYTDDAQQT EAHLEIREDG TVGGAADQSP ESLLQLKALK PGVIQILGVK TSRFLCQRPD GALYGSLHFD PEACSFRELL LEDGYNVYQS EAHGLPLHLP GNKSPHRDPA PRGPARFLPL PGLPPALPEP PGILAPQPPD VGSSDPLSMV GPSQGRSPSY AS

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/µg

Formulation:

Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5

Reconstitution:

Add 200 μ I of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Add DTT (0.2 mM) and NaCI (0.1–0.15 M) before freezing to prevent potential aggregation.

Shipping:

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

Storage/Stability:

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:

BCA to determine quantity of the protein. SDS PAGE to determine purity of the protein. Endotoxin level determination.

Applications: ELISA, Western blotting

Note:

This product is intended for research use only.