

PRODUCT DATA SHEET

Fibroblast Growth Factor 21 Human Tag free, Sheep Polyclonal Antibody

Cat. No.: RD184108100-01

Size: 0.1 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Sheep

Other Names:

FGF-21, UNQ3115/PRO10196

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human FGF-21 tag free.

Amino Acid Sequence of Immunogen:

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

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

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human FGF-21 Tag free.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. ****AZIDE FREE****.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

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

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C . Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C .

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA

Note:

This product is for research use only.