

FGF-21, Bovine Recombinant

CATALOG NO:	P1592-10 10 µg
ALTERNATE NAMES:	Fibroblast growth factor 21, FGF-21, FGF21
MOL. WT.	19.5 kDa
SOURCE:	E. coli
PURITY:	>98% SDS - PAGE
FORM:	Lyophilized
FORMULATION:	Lyophilized in 0.4 mg/ml of NaHCO ₃ , pH 8.
RECONSTITUTION:	It is recommended to reconstitute the lyophilized Bovine FGF-21 in sterile water or 0.4% NaHCO ₃ , not less than 100 µg/ml, which can then be further diluted to other aqueous solutions, preferably in presence of carrier protein. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
STORAGE CONDITIONS:	Store at -20°C. Once reconstituted store at 4°C for short-term (2-7 days) and for future use below -20°C. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid freeze-thaw cycles.
DESCRIPTION:	FGF-21 is a potent activator of glucose uptake on adipocytes, protects animals from diet-induced obesity when overexpressed in transgenic mice, and lowers blood glucose and triglyceride levels when therapeutically administered to diabetic rodents.
AMINO ACID SEQUENCE:	The protein has 182 amino acids. The sequence of the first five N-terminal amino acids was determined and was found to be Ala-His-Pro-Ile-Pro.

RELATED PRODUCTS:

- FGF-21, murine recombinant (4067)
- FGF-21, human recombinant (4066)
- FGF-2/FGF-basic, Bovine Pituitary (P1590)
- FGF-basic 147, Bovine Recombinant (P1591)
- Anti-FGF21 Antibody (A2136)

FOR RESEARCH USE ONLY! Not to be used on humans.