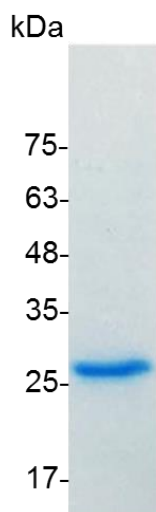


PRODUCT INFORMATION

FGF-23 (Fibroblast growth factor-23), Human

Catalog number	C01113-5UG / C01113-20UG / C01113-100UG
Package	5 µg / 20 µg / 100 µg
Description	FGF-23 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF-23 is most highly expressed in bone, from which it circulates through the blood to regulate vitamin D and phosphate metabolism in kidney.
Source	<i>Escherichia coli</i>
Sequence	MYPNASPLLGSSWGGLIHLYTATARN SYHLQIHKNGHV D G A P H Q T I Y S A L M I R S E D A G F V V I T G V M S R R Y L C M D F R G N I F G S H Y F D P E N C R F Q H Q T L E N G Y D V Y H S P Q Y H F L V S L G R A K R A F L P G M N P P P Y S Q F L S R R N E I P L I H F N T P I P R R H T R S A E D D S E R D P L N V L K P R A R M T P A P A S C S Q E L P S A E D N S P M A S D P L G V V R G G R V N T H A G G T G P E G C R P F A K F I with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in BaF3 cells transfected with human FGFR3c. The ED ₅₀ for this effect is <0.3 µg/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human FGF-23

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