

Recombinant Human FGF23 Protein (Ala24-Val126), N-His tagged

Cat. No. FGF23-3587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FGF23 (Ala24-Val126) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala24-Val126
Description	This gene encodes a member of the fibroblast growth factor family of proteins, which possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. The product of this gene regulates phosphate homeostasis and transport in the kidney. The full-length, functional protein may be deactivated via cleavage into N-terminal and C-terminal chains. Mutation of this cleavage site causes autosomal dominant hypophosphatemic rickets (ADHR). Mutations in this gene are also associated with hyperphosphatemic familial tumoral calcinosis (HFTC).
Molecular Mass	13.92 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer 0.01M PBS, pH 7.4, 0.02 % NLS

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name FGF23 fibroblast growth factor 23 [Homo sapiens (human)]

Official Symbol FGF23

Synonyms FGF23; fibroblast growth factor 23; ADHR; FGFR; HYPF; HFTC2; HPDR2; PHPTC; fibroblast growth factor 23; phosphatonin; tumor-derived hypophosphatemia inducing factor

Gene ID 8074

mRNA Refseq NM_020638

Protein Refseq NP_065689

MIM 605380

UniProt ID Q9GZV9

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