

## Recombinant Human FGF23 Protein (Y25-R179), His tagged

Cat. No. FGF23-1014H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human 6His-TEV-FGF-23(Y25-R179) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Y25-R179
<b>Description</b>	Regulator of phosphate homeostasis. Inhibits renal tubular phosphate transport by reducing SLC34A1 levels. Up-regulates EGR1 expression in the presence of KL. Acts directly on the parathyroid to decrease PTH secretion. Regulator of vitamin-D metabolism. Negatively regulates osteoblast differentiation and matrix mineralization.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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<b>Shipping</b>	It is shipped out with blue ice.
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## GENE INFORMATION

<b>Gene Name</b>	FGF23 fibroblast growth factor 23 [ Homo sapiens (human) ]
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<b>Official Symbol</b>	FGF23
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<b>Synonyms</b>	FGF23; fibroblast growth factor 23;
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<b>Gene ID</b>	8074
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<b>mRNA Refseq</b>	NM_020638
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<b>Protein Refseq</b>	NP_065689
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<b>MIM</b>	605380
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<b>UniProt ID</b>	Q9GZV9
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