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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGF23 (Human) Recombinant Protein

Catalog Number: P10593

Regulation Status: For research use only (RUO)

Product Description: Human FGF23 full-length recombinant protein with His tag expressed in CHO cells.

Sequence:

MLGARLRLWVCALCSVCSMSVLRAYPNASPLLGS
WGGLIHLTYATARNSYHLQIHKNGHVDGAPHQTIYSALMI
RSEDAGFVVITGVMSRRYLCMDFRGNIFGSHYFDPEN
CRFQHQTLNGYDVYHSPQYHFLVSLGRAKRAFLPG
MNPPPYSQLSRNEIPLIHFNTPIPRRHTRSAEDDSE
RDPLNVLKPRARMTPAPASCSQELPSAEDNSPMASD
PLGVVRGGRVNTHAGGTGPEGCRPFKFI

Host: Mammals

Theoretical MW (kDa): 27.27

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (CHO)
expression system

Purification: Ni-NTA chromatography

Purity: > 75% by SDS-PAGE

Endotoxin Level: < 0.1 EU/ ug of protein by the LAL
method.

Recommend Usage: SDS-PAGE
The optimal working dilution should be determined by
the end user.

Storage Buffer: Lyophilized from filtered PBS, pH 7.4.

Storage Instruction: Store at -20°C for 12 months in
lyophilized state.
After reconstitution with deionized water, store at -20 or
-80°C for 1 month.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8074

Gene Symbol: FGF23

Gene Alias: ADHR, HPDR2, HYPF, PHPTC

Gene Summary: The protein encoded by this gene 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. The product of this gene inhibits renal tubular phosphate transport. This gene was identified by its mutations associated with autosomal dominant hypophosphatemic rickets (ADHR), an inherited phosphate wasting disorder. Abnormally high level expression of this gene was found in oncogenic hypophosphatemic osteomalacia (OHO), a phenotypically similar disease caused by abnormal phosphate metabolism. Mutations in this gene have also been shown to cause familial tumoral calcinosis with hyperphosphatemia. [provided by RefSeq]