

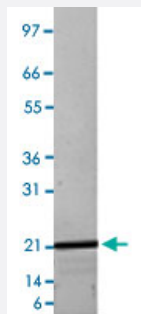
Bioactive

FGF22 (Human) Recombinant Protein

Catalog # P4383

Size 20 ug

Applications



Reducing conditions

Specification

Product Description	Human FGF22 (Q9HCT0) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MTPSASRGPRSYPHLEGDVRWRRFLSSTHFFLRVDPGGRVQGTRWRHGGQDSILEIRSVHVGVVV IKAVSSGFYVAMNRRGRLYGSRLYTVDCRFREERIEENGHNTYASQRWRRRGQPMFLALDRGGP RPGGRTRRYHLSAHFLPVLVS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	17.3
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug
Activity	Activity was determined by the dose-dependent proliferation of 4MBr-5 cells, is typically 50-300 ng/m L.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Reducing conditions
Storage Buffer	No additive

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with sterilized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — FGF22

Entrez GeneID [27006](#)

Protein Accession# [Q9HCT0](#)

Gene Name FGF22

Gene Alias -

Gene Description fibroblast growth factor 22

Omim ID [605831](#)

Gene Ontology [Hyperlink](#)

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 mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development. [provided by RefSeq]

Other Designations -

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)