Active Recombinant Human FGF16

Cat. No. FGF16-966H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF16 (Accession # O43320) Ala2-Arg207, fused with , was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Arg207
Predicted N Terminal	Ala2
Form	Lyophilized from a 0.2 μm filtered solution in MOPS and Na2SO4 with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Rizzino, A. et al. (1988) Cancer Res. 48:4266; Thomas, K. et al. (1987) Methods Enzymol. 147:120.The ED50 for this effect is typically 7.5 - 30 ng/mL.
Molecular Mass	Recombinant Human FGF16 has a calculated MW of 23.7 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	FGF16 fibroblast growth factor 16 [Homo sapiens]
Official Symbol	FGF16
Synonyms	FGF16; fibroblast growth factor 16; FGF-16;
Gene ID	8823
mRNA Refseq	NM_003868
Protein Refseq	NP_003859
MIM	300827
UniProt ID	O43320
Chromosome Location	Xq21.1

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