

## Active Recombinant Human FGF16

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGF16 (Accession # O43320) Ala2-Arg207, fused with , was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala2-Arg207
<b>Predicted N Terminal</b>	Ala2
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in MOPS and Na2SO4 with BSA as a carrier protein.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Human FGF16 has a calculated MW of 23.7 kDa.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**GENE INFORMATION**

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

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