Active Recombinant Human FGF16 Protein

Cat. No. FGF16-029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human FGF-16 protein consists of 206 amino acids (2-207) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-207 a.a.
Description	This gene encodes a member of a family of proteins that are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene is expressed in cardiac cells and is required for proper heart development. Mutation in this gene was also observed in individuals with metacarpal 4-5 fusion.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. The ED50 for this effect is 7.5-30 ng/mL.
Molecular Mass	23.7 kDa
Product-Related Proteins	2-207
Endotoxin	< 0.1 EU/μg of the protein as determined by the LAL method

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95 % as determined by SDS-PAGE
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

GENE INFORMATION

Gene Name	FGF16 fibroblast growth factor 16 [Homo sapiens (human)]
Official Symbol	FGF16
Synonyms	FGF16; fibroblast growth factor 16; MF4; FGF-16; fibroblast growth factor 16; metacarpal 4-5 fusion
Gene ID	8823
mRNA Refseq	NM_003868
Protein Refseq	NP_003859
MIM	309630
UniProt ID	O43320

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA