



## Synonym

FGF-16, Fibroblast growth factor 16, FGF16

## Source

Human FGF-16 Protein, His Tag (FG6-H51H3) is expressed from E. coli cells. It contains AA Ala 2 - Arg 207 (Accession # [O43320](#)).

Predicted N-terminus: Met

## Molecular Characterization

FGF-16(Ala 2 - Arg 207)  
O43320 Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 25.6 kDa. The protein migrates as 25-27 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE).

## Endotoxin

Less than 1.0 EU per µg by the LAL method.

## Purity

>90% as determined by SDS-PAGE.

## Formulation

Lyophilized from 0.22 µm filtered solution in 20 mM Sodium citrate, pH 3.0, 25mM Arginine with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

## Storage

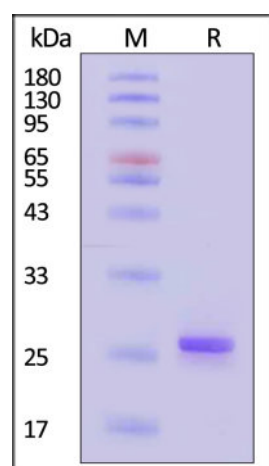
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## SDS-PAGE



Human FGF-16 Protein, His Tag on SDS-PAGE under reducing (R) condition.

The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

## Background

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.

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# Human FGF-16 Protein, His Tag

Catalog # FG6-H51H3



## Clinical and Translational Updates

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