

## ARG70122

### Human FGF16 recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg  
Store at: -20°C

#### Summary

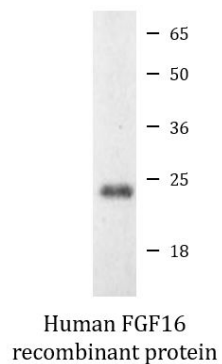
Product Description	E. coli expressed, His-tagged (C-ter) Active Human FGF16 recombinant protein
Tested Application	SDS-PAGE
Target Name	FGF16
Species	Human
A.A. Sequence	Met1 - Arg207
Expression System	E. coli
Activity	Active
Alternate Names	FGF-16; Fibroblast growth factor 16; MF4

#### Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol	FGF16
Gene Full Name	fibroblast growth factor 16
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. [provided by RefSeq, Mar 2014]
Function	Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation, and is required for normal cardiomyocyte proliferation and heart development. [UniProt]
Cellular Localization	Secreted. [UniProt]



ARG70122 Human FGF16 recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70122 Human FGF16 recombinant protein (Active) (His-tagged, C-ter).