

## ARG70121 Human FGF14 recombinant protein (Active) (His-tagged, N-ter)

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

### Summary

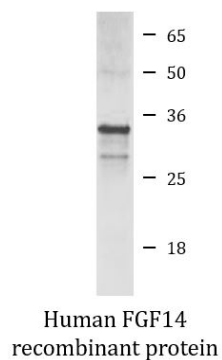
|                     |   |
|---------------------|---|
| Product Description | E. coli expressed, His-tagged (N-ter) Active Human FGF14 recombinant protein                          |
| Tested Application  | SDS-PAGE  |
| Target Name         | FGF14   |
| Species             | Human   |
| A.A. Sequence       | Ala2 - Thr246   |
| Expression System   | E. coli   |
| Activity            | Active  |
| Activity Note       | Determined by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 21 ng/mL.  |
| Alternate Names     | FHF4; FHF-4; SCA27; Fibroblast growth factor 14; FGF-14; Fibroblast growth factor homologous factor 4 |

### 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           | FGF14  |
| Gene Full Name        | fibroblast growth factor 14  |
| Background            | The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. A mutation in this gene is associated with autosomal dominant cerebral ataxia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008] |
| Function              | Probably involved in nervous system development and function. [UniProt]  |
| Cellular Localization | Nucleus. [UniProt]   |



ARG70121 Human FGF14 recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70121 Human FGF14 recombinant protein (Active) (His-tagged, N-ter).