

# FGF14, human recombinant

**CATALOG #:** 7347-50 50 µg

**ALTERNATE NAMES:** Fibroblast growth factor 14 isoform 1A, FGF-14, FHF-4, FHF4, SCA27

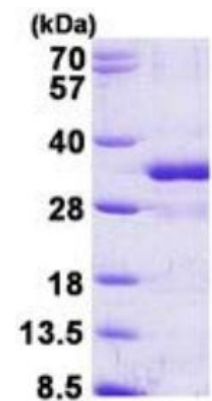
**SOURCE:** E. coli

**PURITY:** > 90% by SDS-PAGE

**MOL. WEIGHT:** 30.0 kDa (271 aa, 1-247 aa + His Tag), confirmed by MALDI-TOF.

**FORM:** Liquid

**FORMULATION:** 0.25 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.2 M NaCl, 5 mM DTT and 50% glycerol.



**15% SDS-PAGE (3µg)**  
FGF14, human recombinant

**STORAGE CONDITIONS:** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**DESCRIPTION:** FGF14 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. Recombinant human FGF14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**AMINO ACID SEQUENCE:** MGSSHHHHHH SSSLVPRGSH MGSMAAAIA  
 SGLIRQKRQA REQHWRPSA SRRRSSPSKN RGLCNGNLVD IFSKVRIFGL  
 KKRRLRRQDP QLKGI VTRLY CRQGYLQMH PDGALDGTKD DSTNSTLFNL  
 IPVGLRVVAI QGVKTGLYIA MNGEGYLYPS ELFTPECKFK ESVFENYYVI  
 YSSMLYRQQE SGRWFLGLN KEGQAMKGNR VKKTKPAAHF LPKPLEVAMY  
 REPSLHDVGE TVPKPGVTPS KSTSASAIMN GGKPVNKSKT T

**RELATED PRODUCTS:**

- FGF- basic, murine recombinant (Cat # 7145-10, -50)
- Human Cell<sup>exp</sup> Human Recombinant FGF-4 (Cat # 6449-10, -50)
- Human Cell<sup>exp</sup> Human Recombinant FGF-7 (Cat # 6450-10, -50)
- Human Cell<sup>exp</sup> Human Recombinant FGF-8b (Cat # 6451-10, -50)
- FGF- basic 147, human recombinant (Cat # 4036-10, -50, -1000)
- FGF-1, human recombinant (Cat # 4034-10, -50, -1000)
- FGF-1, murine recombinant (Cat # 4035-10, -50, -1000)
- FGF-10/KGF-2, human recombinant (Cat # 4060-25, -100, -1000)
- FGF-18, human recombinant (Cat # 4082-25, -100, -1000)
- FGF-19, human recombinant (Cat # 4542-25, -100, -1000)
- FGF-2, bovine recombinant (Cat # 4040-10, -50, -1000)
- FGF-2, human recombinant (Cat # 4037-10, -50, -1000)
- FGF-2, murine recombinant (Cat # 4038-10, -50, -1000)
- FGF-2, rat recombinant (Cat # 4039-10, -50, -1000)
- FGF-20, human recombinant (Cat # 4589-20, -100)
- FGF-21, human recombinant (Cat # 4066-100, -1000)
- FGF-21, murine recombinant (Cat # 4067-10, -1000)
- FGF-22, human recombinant (Cat # 4063-10, -100, -1000)
- FGF-4, human recombinant (Cat # 4043-25, -100, -1000)
- FGF-7/KGF, human recombinant (Cat # 4050-10, -50, -1000)
- FGF-8, human recombinant (Cat # 4053-25, -100, -1000)
- FGF-9, human recombinant (Cat # 4056-20, -1000)

**FOR RESEARCH USE ONLY! Not to be used in humans.**