

FGF-16, human recombinant protein
Fibroblast Growth Factor-16, FGFG
Catalog # PBV10779r**Specification**

FGF-16, human recombinant protein - Product info

Primary Accession [O43320](#)
Calculated MW **23.6 kDa KDa**

FGF-16, human recombinant protein - Additional Info

Gene ID **8823**
Gene Symbol **FGF16**

Other Names

Fibroblast Growth Factor-16, FGFG

| | |
|----------------|---|
| Gene Source | Human |
| Source | E.coli |
| Assay&Purity | SDS-PAGE; ≥95% |
| Assay2&Purity2 | HPLC; |
| Recombinant | Yes |
| Sequence | AEVGGVFASL DWDLHGFSSS LGNVPLADSP GFLNERLGQI EGKLQRGSPT DFAHLKGILR RRQLYCRTGF HLEIFPNGTV HGTRHDHSRF GILEFISLAV GLISIRGVDS GLYLGMNERG ELYGSKKLTR ECVFREQFEE NWYNTYASTL YKHSDSERQY YVALNKDGSP REGYRTKRHQ KFTHFLPRPV DPSKLPSMSR DLFHYR |

Target/Specificity
FGF-16

Application Notes

FGF-16 is a heparin binding growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-16 signals through FGFR 2c and 3c. FGF-16 plays a role in the development of the central nervous system. Recombinant human FGF-16 is a 23.6 kDa protein consisting of 206 amino acid residues.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 5 mM Tris, pH 9.0, 0.1 M L-Arginine and 0.4 mM DTT.

FGF-16, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGF-16, human recombinant protein - Images

FGF-16, human recombinant protein - Background

FGF-16 is a heparin binding growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-16 signals through FGFR 2c and 3c. FGF-16 plays a role in the development of the central nervous system. Recombinant human FGF-16 is a 23.6 kDa protein consisting of 206 amino acid residues.

FGF-16, human recombinant protein - References

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Ross M.T., et al. Nature 434:325-337(2005).
Zhang X., et al. J. Biol. Chem. 281:15694-15700(2006).
Mayya V., et al. Sci. Signal. 2:RA46-RA46(2009).
Turner N., et al. Nat. Rev. Cancer 10:116-129(2010).