

Recombinant Human FGF-16

Catalog # PBG10092

Specification

Recombinant Human FGF-16 - Product Information

Recombinant Human FGF-16 - Additional Information

Description

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 23.7 kDa protein consisting of 207 amino acid residues.

BiologicalActivity

The ED₅₀ as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF-receptors is \le 0.5 ng/ml, corresponding to a specific activity of \ge 2 x 10⁶ units/mg.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is $<0.1 \text{ ng}/\mu\text{g}$ of protein ($<1\text{EU}/\mu\text{g}$).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

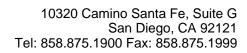
Precautions

Recombinant Human FGF-16 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human FGF-16 - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture





Recombinant Human FGF-16 - Images