

Animal-Free Recombinant Human FGF-10
Catalog # PBG10500**Specification**

Animal-Free Recombinant Human FGF-10 - Product Information**Animal-Free Recombinant Human FGF-10 - Additional Information****Description**

FGF-10 is a heparin binding growth factor that belongs to 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-10 is most related to KGF/FGF-7 and is expressed during the development and preferentially in adult lungs. It signals through the FGFR 2b. Recombinant human FGF-10 is a 19.3 kDa protein consisting of 170 amino acid residues.

Biological Activity

The ED_{50} as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF- receptors is ≤ 0.5 ng/ml, corresponding to a specific activity of $\geq 2 \times 10^6$ units/mg.

Authenticity

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

Endotoxin

Endotoxin level is <0.1 ng/ μ g of protein (<1 EU/ μ g).

Protein Content

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

Storage

-20°C

Precautions

Animal-Free Recombinant Human FGF-10 is for research use only and not for use in diagnostic or therapeutic procedures.

Animal-Free Recombinant Human FGF-10 - 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](#)

Animal-Free Recombinant Human FGF-10 - Images