

Recombinant Human GDF-7
Catalog # PBG10137**Specification**

Recombinant Human GDF-7 - Product Information**Recombinant Human GDF-7 - Additional Information****Description**

GDF-7 belongs to the TGF- β superfamily of growth and differentiation factors. It is expressed selectively by roof plate cells that are located in the developing embryonic central nervous system, and has been shown to influence the neuronal identity of cells within the central nervous system. GDF-7 has also been implicated in the formation, maintenance, and repair of certain cartilage and ligament tissue. Recombinant human GDF-7 is a 28 kDa disulfide linked homodimer containing two 129 amino acid residues.

Biological Activity

Determined by its ability to inhibit induced alkaline phosphatase production by ATDC-5 chondrogenic cells.

Authenticity

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

Endotoxin

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

Protein Content

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

Storage

-20°C

Precautions

Recombinant Human GDF-7 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human GDF-7 - 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](#)

Recombinant Human GDF-7 - Images