

## 32-20141: Recombinant Human GDF-7(Discontinued)

**Reactivity :** Human

**Alternative Name :** Growth/Differentiation Factor-7, BMP-12

### Description

**Source:** **E.coli**GDF-7 belongs to the TGF-Beta 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 tissues. Recombinant Human GDF-7 is a 28.0 kDa disulfide-linked homodimer containing two 129 amino acid residues.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** TALAGTRTAQ GSGGGAGRGH GRRGRSRCSR KPLHVDFKEL GWDDWIIAPL DYEAYHCEGL  
CDFPLRSHLE PTNHAIQTL LNSMAPDAAP ASCCVPARLS PISILYIDAA NNVVYKQYED MVVEACGCR

### Application Note

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