

Human FGF2b Recombinant Protein

PX-P1089-10

DESCRIPTION

Fibroblast Growth Factor-basic (bFGF) also known as FGF2b is found in basement membranes and sub-endothelial extracellular matrix. It is a heparin binding growth factor which provokes the generation of a large variety of cells including mesenchymal, neuroectodermal and endothelial cells. Human FGF2b plays a major role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. It can also induce angiogenesis.

OVERVIEW

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|---|-----------|
| SIZE | 10 ug |
| ORIGIN SPECIES | Human |
| FRAGMENT | Partial |
| PROTEIN DELIVERED WITH TAG | Yes |
| MOLECULAR WEIGHT WITH TAG IF ANY | 17,76 kDa |
| DELIVERY CONDITION | Dry Ice |

PRODUCT INFORMATION

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|--------------------------------|--|
| EXPRESSION SYSTEM | Prokaryotic expression |
| HOST | E.coli |
| PURITY | 0,9 |
| PROTEIN ACCESSION | AAA52534.1 |
| FORM | liquid |
| BUFFER | PBS, Urea 8M |
| STABILITY & STORAGE | 4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection) |

MORE INFO

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|--------------------------|---|
| GENE ID | 2247 |
| SWISSPROTID | P09038 |
| UNIPROT ID | P09038 |
| UNIPROT LINK | http://www.uniprot.org/uniprot/P09038 |
| NCBI GENE ALIASES | FGFB, HBGF-2, FGF-2, BFGF |
| SYNONYMS | FGF2b, basic fibroblast growth factor, FGF2, Fibroblast growth factor 2, FGF-2, bFGF, Heparin-binding growth factor 2, HBGF-2 |

PROTEIN SEQUENCE

MAHNHRHKHKLPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDPHIKLQLQAEERGVSISIKGVC
ANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYTSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS

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