10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human CellExp FGF-2/FGF-basic, Human recombinant protein
Human Cellexp Human Recombinant FGF-basic
Catalog # PBV10680r

Specification

Human CellExp FGF-2/FGF-basic, Human recombinant protein - Product info

Primary Accession	P09038
Calculated MW	**17 kDa, monomer, non-glycosylated KDa**

Human CellExp FGF-2/FGF-basic, Human recombinant protein - Additional Info

Gene ID	**2247**
Gene Symbol	**FGF2**

Other Names
Prostatropin, HBGH-2, HBGF-2, FGF-2, FGF-b.

Gene Source	**Human**
Source	**Human cell expressed**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**0.1 to 0.5 ng/ml**

Application Notes
Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.

Format
Lyophilized

Storage
-80°C; Lyophilized from a PBS solution.

Human CellExp FGF-2/FGF-basic, Human recombinant protein - 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

Human CellExp FGF-2/FGF-basic, Human recombinant protein - Images

Human CellExp FGF-2/FGF-basic, Human recombinant protein - Background

FGF-basic is a member of the fibroblast growth factor (FGF) family. FGF family members possess

broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Three alternatively spliced variants encoding different isoforms have been described. The heparin-binding growth factors are angiogenic agents in vivo and are potent mitogens for a variety of cell types in vitro. There are differences in the tissue distribution and concentration of these 2 growth factors.

Human CellExp FGF-2/FGF-basic, Human recombinant protein - References

Abraham J.A.,et al.Cold Spring Harb. Symp. Quant. Biol. 51:657-668(1986).
Abraham J.A.,et al.EMBO J. 5:2523-2528(1986).
Prats H.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:1836-1840(1989).
Goshima N.,et al.Nat. Methods 5:1011-1017(2008).
Hillier L.W.,et al.Nature 434:724-731(2005).