Targeting Tools: Featured Products

**Basic Fibroblast Growth Factor Human Recombinant**

Basic fibroblast growth factor (FGF-2) is a member of the fibroblast growth factor 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.

**FGF-2 Human Recombinant, Cat. #PRP-218**

*available in these sizes:*

- 10 micrograms, 50 micrograms, and 1 milligram

*Related Products:*
- FGF-2 Rat Recombinant, Cat. #PR-09
- Antibody to mammalian FGF-2, Cat. #AB-07
- Antibody to rat FGF-2, Cat. #AB-08
- mammalian FGF-SAP, Cat. #IT-38

**Leptin Human Recombinant**

Leptin is a 16-kDa peptide hormone secreted from white adipocytes and implicated in the regulation of food intake and energy balance. It provides the key afferent signal from fat cells in the feedback system that controls body fat stores.

**Leptin Human Recombinant, Cat. #PRP-328**

*available in these sizes:*

- 200 micrograms, 1 milligram, and 5 milligrams

*Related Products:*
- Antibody to human Leptin, Cat. #AB-524
- mouse Leptin-SAP, Cat. #IT-47

**Granulocyte Macrophage-Colony Stimulating Factor Human Recombinant**

Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. GM CSF stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.

**GM-CSF Human Recombinant, Cat. #PRP-221**

*available in these sizes:*

- 2 micrograms, 10 micrograms, and 1 milligram

*Related Products:*
- GM-CSF Human Recombinant - Pichia, Cat. #PRP-222
- GM-CSF Human Recombinant - Sf9, Cat. #PRP-223
- GM-CSF Human Recombinant - His tag, Cat. #PRP-224
- Antibody to human GM-CSF, Cat. #AB-452

**Growth Hormone Human Recombinant**

Growth Hormone (GH) is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. This particular family member is expressed in the pituitary but not in placental tissue as is the case for the other four genes in the growth hormone locus. Mutations in or deletions of the gene lead to growth hormone deficiency and short stature.

**Growth Hormone Human Recombinant, Cat. #PRP-202**

*available in these sizes:*

- 100 micrograms, 500 micrograms, and 1 milligram

*Related Products:*
- Antibody to Growth Hormone IgG1, Cat. #AB-458
- Antibody to Growth Hormone IgG2b, Cat. #AB-457

*visit www.ATSbio.com for a complete list of products*