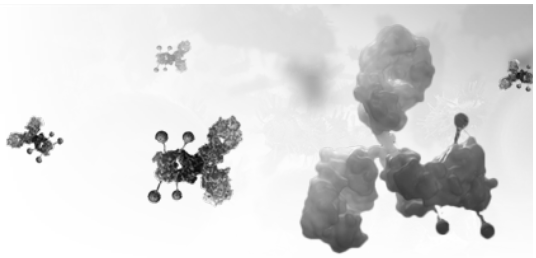

Human FGF18 peptide (DAG-P0518)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene 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. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the heparin-binding growth factors family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	FGF18 fibroblast growth factor 18 [Homo sapiens (human)]
Official Symbol	FGF18
Synonyms	FGF18; fibroblast growth factor 18; ZFGF5; FGF-18;

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Entrez Gene ID	8817
mRNA Refseq	NM_003862.2
Protein Refseq	NP_003853.1
UniProt ID	O76093
Chromosome Location	5q34
Pathway	Activated point mutants of FGFR2, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Constitutive PI3K/AKT Signaling in Cancer, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signaling of activated F
Function	growth factor activity; type 1 fibroblast growth factor receptor binding; type 2 fibroblast growth factor receptor binding;

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