



## FGF19 peptide (DAG-P0519)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed in fetal brain, cartilage, retina, and adult gall bladder.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the heparin-binding growth factors family.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">FGF19 fibroblast growth factor 19 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FGF19
<b>Synonyms</b>	FGF19; fibroblast growth factor 19; FGF-19;

<b>Entrez Gene ID</b>	<a href="#">9965</a>
<b>mRNA Refseq</b>	<a href="#">NM_005117.2</a>
<b>Protein Refseq</b>	<a href="#">NP_005108.1</a>
<b>UniProt ID</b>	O95750
<b>Chromosome Location</b>	11q13.1
<b>Pathway</b>	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 FGFR, organism-specific biosystem; FGF signaling pathway, organi
<b>Function</b>	fibroblast growth factor receptor binding; growth factor activity; protein binding;