

# Recombinant Full Length Human FGF19 Protein, GST-tagged

**Cat. No.** FGF19-4819HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Human FGF19 full-length ORF ( AAH17664, 1 a.a. - 216 a.a.) recombinant protein with GST-tag at N-terminal.

**Species**                      Human

**Source**                        In Vitro Cell Free System

**ProteinLength**              216 amino acids

**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. 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]

**Molecular Mass**              49.5 kDa

**AA Sequence**                MRSGCVVHVWILAGLWLVAVAGRPLAFSDAGPHVHYGWGDPIRLRHLYTSGPHGL  
SSCFLRIRADGVVDCARGQSAHSLLEIKAVLRRTVAIKGVHVSRYLCMGADGKMQGL  
LQYSEEDCAFEIEIRPDGYNVYRSEKHRLPVSLSSAKQRQLYKNRGFLPLSHFLPML  
PMVPEEPEDLRGHLESDFSSPLETDSMDPFGLVTGLEAVRSPSFEK

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	FGF19 fibroblast growth factor 19 [ Homo sapiens ]
<b>Official Symbol</b>	FGF19
<b>Synonyms</b>	FGF19; fibroblast growth factor 19; FGF-19;
<b>Gene ID</b>	9965
<b>mRNA Refseq</b>	NM_005117
<b>Protein Refseq</b>	NP_005108
<b>MIM</b>	603891
<b>UniProt ID</b>	O95750

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