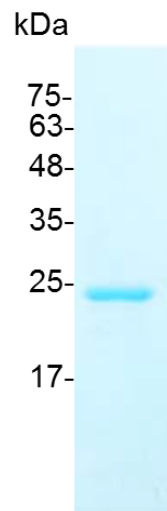


FGF-19 (Fibroblast growth factor-19), Human

v. 231001

Catalog number	C01109-5UG / C01109-20UG / C01109-100UG
Package	5 µg / 20 µg / 100 µg
Description	<p>FGF-19 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. FGF-19 is a specific ligand for FGF R4. Similarly, another FGF family member, FGF-7 (KGF), only activates KGF R, the IIIb isoform of FGF R2. During chick embryogenesis, FGF-19 has been shown to act synergistically with Wnt-8c to initiate inner ear development.</p>
Source	<i>Escherichia coli</i>
Sequence	<p>MRPLAFSDAGPHVHYGWGDPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARG QSAHSLLEIKAVALRTVAIKGVHSVRYLCMGADGKMQLLQYSEEDCAFEIIIIR PDGYNVYRSEKHRLPVSLSSAKQRQLYKNRGFLPLSHFLPMLPMVPEEPEDLR GHLESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEK with polyhistidine tag at the C-terminus</p>
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is <51 ng/mL.
Purity	>95% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant human FGF-19

For research use only.