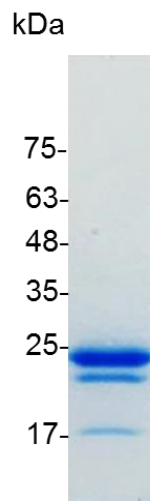


FGF-17 (Fibroblast growth factor-17), Human

v. 231001

Catalog number	C01107-5UG / C01107-20UG / C01107-100UG
Package	5 µg / 20 µg / 100 µg
Description	<p>FGF-17, also known as FGF13, 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-13 plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain.</p>
Source	<i>Escherichia coli</i>
Sequence	<p>TQGENHPSPNFNQYVRDQGAMTDQLSRRQIREYQLYSRTSGKHVQVTGRRIS ATAEDGNKFAKLIVETDTFGSRVRIKGAESEKYICMNKRGLIGKPSGKSKDCV FTEIVLENNYAFQNRHEGWFMFAFTRQGRPRQASRSRQNQREAHFIKRLYQ GQLPFPNHAEKQKQFEFVGSAPTRRTKRTRRPQPLT with polyhistidine tag at the N-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 <5 ng/mL. The specific activity of recombinant human FGF-17 is > 2 x 10 ⁵ IU/mg
Purity	>98% 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-17

For research use only.