

PRODUCT INFORMATION

FGF-13 (Fibroblast growth factor-13), Human

Catalog number	C01104-5UG / C01104-20UG / C01104-100UG
Package	5 µg / 20 µg / 100 µg
Description	Fibroblast growth factor 13 (FGF13) is a new 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 a signaling molecule in the induction and patterning of the embryonic brain.
Source	<i>Escherichia coli</i>
Sequence	MAAAIASSLIRQKRQAREREKSNACKCVSSPSKGGKTSCKDNKLNVFSRVKLFGS KKRRRRRPEPQLKGIVTKLYSRQGYHLQLQADGTIDGTDKDEDSTYTLFNLI LIPVG LRVVAIQGVQTKLYLAMNSEGYLYTSELFTPECKFKESVFENYYVTYSSMIYRQ QQSGRGWYLGLNKEGEIMKGNHVKKNKPAAHFLPKPLKVAMYKEPSLHDLTEF SRSGSGTPTKSRSVSGVLNNGKSMHNEST with polyhistidine tag at the C-terminus
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 <160 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within two weeks after protein reconstitution.



SDS-PAGE analysis of recombinant human FGF-13

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