

PRODUCT INFORMATION

FGF-20 (Fibroblast growth factor-20), Human

Catalog number	C01110-5UG / C01110-20UG / C01110-100UG
Package	5 µg / 20 µg / 100 µg
Description	FGF-20 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-20 signals through FGFR 2c and 3c, and is expressed during limb and brain development. Recombinant Human FGF-20 is a 23.2 kDa protein containing 209 amino acid residues.
Source	<i>Escherichia coli</i>
Sequence	MPLAEVGGFLGGLEGLGQQVGSFLLPPAGERPPLLGERRSAAERSARGGPG AAQLAHLHGILRRRQLYCRTGFHLQILPDGSGVQGTRQDHSFLGILEFISVAVGLV SIRGVDSGLYLG MNDKGELYGSEKLTSECIFREQFEENWYNTYSSNIYKHGDT GRRYFVALNKDGTPRDGARSKRHQKFTHFLPRPVDPERVPELYKDLLMYT 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 1.3-3.2 ng/mL. The specific activity of recombinant human FGF-20 is > 2 x 10 ⁵ IU/mg.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
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 one month after protein reconstitution.



SDS-PAGE analysis of recombinant human FGF-20

For Research Use Only.