

FGF-20/FGFK, Human, Recombinant**Cat. No. : GPCK294****产品信息**

物种	Human
表达宿主	E.coli
序列信息	MPLAEVGGFLGGLEGLGQQVGSFLLPPAGERPPLLGERSSAAERSARGGPGAAQLAHLHGIL RRRQLYCRTGFHLQILPDGSVQGTRQDHSLEFISVAVGLVSIKGVDSGLYLGMNDKGELY GSEKLTSECIFREQFEENWYNTYSSNIYKHGDTGRRYFVALNKDGTPRDGARSKRHQKFTHFL PRPVDPERVPELYKDLLMYT with polyhistidine tag at the C-terminus.
检索号	Q9NP95.1
标签	His-tag at the C-terminus
分子量	24.24 kDa
有效期	12 months
生物活性	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is 1.3-3.2 ng/mL. The specific activity of recombinant human FGF-20 is $> 2 \times 10^5$ IU/mg.

产品特性

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 8.0.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

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.

