

**FGF-10/FGFA/KGF2, Human, Recombinant****Cat. No. : GPCK128****产品信息**

物种	Human
表达宿主	E.coli
序列信息	MLGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVRWRKLFSTKYFLKIEKNGKVSG TKKENCPYSILEITSVEIGVAVKAINSNYYLAMNKKGKLYGSKEFNNDCKLKERIEENGYNTYA SFNWQHNGRQMYVALNGKGAPRRGQKTRRKNTSAHFLPMVVHS with polyhistidine tag at the C-terminus.
检索号	O15520.1
标签	His-tag at the C-terminus
分子量	20.06 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 < 8 ng/mL. The specific activity of recombinant human FGF-10 is > $1.2 \times 10^5$ 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 7.4.
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**

Fibroblast growth factor 10 is a protein that in humans is encoded by the FGF10 gene. FGF-10 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-10 is most related to KGF/FGF-7 and is expressed during the development and preferentially in adult lungs.

