

FGF-10/FGFA/KGF2, Human, Recombinant

货号 : PCK128

产品信息

别名	FGFA, Keratinocyte Growth Factor-2
物种	Human
表达宿主	E.coli
序列信息	MLGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVWRKLFSTKYFLKIEKNGKVSSTKENCPCYSILEITSVEIGVVAVKAINSNYYLAMNKKGKLYGSKEFNNDCKLKERIEENGYNTYASFNWQHNGRQMYVALNGKGAPRRGQKTRRKNTSAHFLPMVVHS with polyhistidine tag at the C-terminus.
检索号	O15520.1
分子量	20.06 kDa
标签	His-tag at the C-terminus
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 x 10 ⁵ IU/mg.

产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
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 1X PBS, pH 7.4.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. 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.

SDS-PAGE

