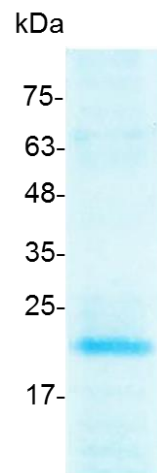


FGF-10 (Fibroblast growth factor-10), Human

v. 231001

Catalog number	C01100-5UG / C01100-20UG / C01100-100UG
Package	5 µg / 20 µg / 100 µg
Description	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.
Source	<i>Escherichia coli</i>
Sequence	MLGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVWRKLFSTKYFL KIEKNGKVSGETTKENCPYSILEITSVEIGVVAVKAINSNYYLAMNKKGKLYGSKE FNNDCKLKERIEENGYNTYASFNWQHNGRQMYVALNGKGAPRRGQKTRRKN TSAHFLPMVVHS 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 <8 ng/mL. The specific activity of recombinant human FGF-10 is > 1.2 x 10 ⁵ IU/mg.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> • -20°C for 12 months in lyophilized state from date of receipt. • -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human FGF-10

For research use only.