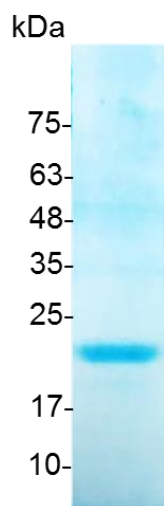


PRODUCT INFORMATION

FGF-4 (Fibroblast growth factor-4), Human

Catalog number	C01094-5UG / C01094-20UG / C01094-100UG
Package	5 µg / 20 µg / 100 µg
Description	FGF-4 encoded by this gene 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-4 is mitogenic for fibroblasts and endothelial cells in vitro and has autocrine transforming potential. It is a potent angiogenesis promoter in vivo and has been investigated as a therapy for coronary artery disease.
Source	<i>Escherichia coli</i>
Sequence	MGLECDGKVNICCKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTS GSSLSFHSTVINHYRMRGHSPFANLKSCCVPTKLRPMSMLYDDGQNIKKDIQ NMIVEECGCS 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 <2.5 ng/mL. The specific activity of recombinant human FGF-4 is > 4 x 10 ⁵ IU/mg.
Purity	>95% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 0.1% sarkosyl in 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-4

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