

32-1174: FGF 4 HEK Recombinant Protein(Discontinued)

Alternative Name : HBGF4,FGF-4,FGF4,KFGF,HSTF1.

Description

Source : HEK. FGF-4 Human Recombinant produced in HEK cells is a glycosylated monomer, having a molecular weight range of 17-27kDa due to glycosylation. The FGF4 is purified by proprietary chromatographic techniques. FGF4 holds a comprehensive mitogenic and cell survival activities and takes part in a range of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF4 possess oncogenic transforming activity. FGF4 and FGF3, oncogenic growth factors are localized on chromosome 11. Co-amplification of both factors was found in several kinds of human tumors. FGF4 functions in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as observed by SDS-PAGE.
Content :	The FGF-4 was lyophilized from 1mg/ml in 1xPBS.
Storage condition :	Lyophilized FGF-4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF4 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized FGF4 in sterile water not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. The specific activity was determined by the dose-dependent stimulation of the proliferation of the Balb/3T3 cell line and is typically 0.25-1.25ng/ml.

