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FGF4 Human, HEK

Description: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.

Catalog #:CYPS-091

For research use only.

Synonyms:HBGF4, FGF-4, FGF4, KFGF, HSTF1.

Source:HEK.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Purity: Greater than 95% as obsereved by SDS-PAGE.

Formulation:
The FGF-4 was lyophilized from 1mg/ml in 1xPBS.

Stability:
Lyophilized FGF-4 althoµgh 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.

Usage:
NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:
It is recommended to reconstitute the lyophilized FGF4 in sterile water not less than 100

Introduction:
FGF4 holds s 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 throµgh the sonic hedgehog (SHH) signaling pathway.

Biological Activity:
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.

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