9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FGF8 Human, HEK

Fibroblast Growth Factor-8 Human Recombinant, HEK
GRF0105

Product Overview

Name	FGF8 Human, HEK
Description	
Fibroblast Growth Factor-8 Human Recombinant, HEK	
Accession (Primary)	P55075
Synonyms	
FGF8B, FGF-8B, FGF8-B, KAL6, HBGF-8, HBGF8, AIGF, HBGF-8, MGC149376, fibroblast growth factor 8.	
Introduction	
FGF8 is part of the fibroblast growth factor family. FGF family members have wide mitogenic and cell survival activities, and participate in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF8 supports androgen and anchorage independent growth of mammary tumor cells. FGF8 over expression increases tumor growth and angiogensis. The adult expression of FGF-8 gene is restricted to testes and ovaries. FGF8 functions as an embryonic epithelial factor. FGF8 takes part in midbrain and limb development, organogenesis, embryo gastrulation and left-right axis determination.	
Source	
HEK.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The FGF-8 solution (0.25mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as obsereved by SDS-PAGE.	
Amino acid sequence	
DGSHMQVTVQ SSPNFTQHVR EQSLVTDQLS RRLIRTYQLY SRTSGKHVQV LANKRINAMA EDGDPFAKLI VETDTFGSRV RVRGAETGLY ICMNKKGKLI AKSNGKGKDC VFTEIVLENN YTALQNAKYE GWYMAFTRKG RPRKGSKTRQ HQREVHFMKR LPRGHHTTEQ SLRFEFLNYP PFTRSLRGSQ RTWAPEPR HH HHHH .	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Biological Activity

The ED50 is ≤5 µg/ml, measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells in the presence of 10ug/ml of heparin.

Precautions

FGF8 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P55075)