

## FGF-8 Fibroblast Growth Factor-8 Human Recombinant Protein

Catalog Number: PROTP55075-1

### 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 angiogenesis. 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.

### Overview

Product Name	FGF-8 Fibroblast Growth Factor-8 Human Recombinant Protein
Description	FGF 8 Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 194 amino acids and having a total molecular mass of 22.5kDa.
Size	5ug, 25ug, 1mg
Tag	
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Source	E. Coli
Formulation	Lyophilized from a concentrated (1mg/ml) solution containing 5mM Na3

### Concentration

### Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

### Purity

Greater than 97.0% as determined by analysis by SDS-PAGE.

### Amino Acid Sequence

MQVTVQSSPN FTQHVREQSL VTDQLSRRLI RTYQLYSRTS GKHVQVLANK RINAMAEDGDPFAKLIVETD TFGSRVVRVG AETGLYICMN  
KKGKLIASN GKGKDCVFTE IVLENNYTAL QNAKYEGWYM AFTRKGRPRK GSKTRQHQRE VHFMKRLPRG HHTTEQSLRF EFLNYPFTR

SLRGSQRTWA PEPR.

## Biological Activity

The ED<sub>50</sub>

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## Usage

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