# Human FGF6 / FGF-6 recombinant protein

Catalog Number: 504762



### **General Information**

#### **Protein Construction**

A DNA sequence encoding the mature form of human FGF6 (Gly41-Ile208) was expressed with a N-terminal Met.

## Organism

Human

#### **Expression Host**

E. coli

## **QC Testing**

### **Activity**

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The  $ED_{50}$  for this effect is typically 0.1-0.6 ng/mL.

### **Purity**

> 95 % as determined by SDS-PAGE

#### **Endotoxin**

Please contact us for more information.

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### **Predicted N terminal**

Met

#### **Molecular Mass**

The recombinant human FGF6 consists of 169 amino acids and predicts a molecular mass of 18.9 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

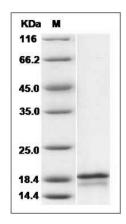
### **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human FGF6 / FGF-6 Protein SDS-PAGE