

# Human FGF1/FGFA recombinant protein



Catalog Number: 519252

## General Information

### Gene Name Synonym:

Fibroblast Growth Factor 1, FGF-1, Acidic Fibroblast Growth Factor, aFGF, Endothelial Cell Growth Factor, ECGFHeparin-Binding Growth Factor 1, HBGF-1, FGF1, FGFA

### Protein Construction:

A DNA sequence encoding the Human FGF1/FGFA Ala2-Asp155 is expressed.

**Source:** Human

**Expression Host:** E.coli

## QC Testing

**Activity:**

**Purity:**

>95% as determined by SDS-PAGE.

**Endotoxin:**

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

**Stability:**

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

**Predicted N terminal:**

**Molecular Mass:**

**Formulation:**

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of PBS, pH 7.4.

**Usage Guide**

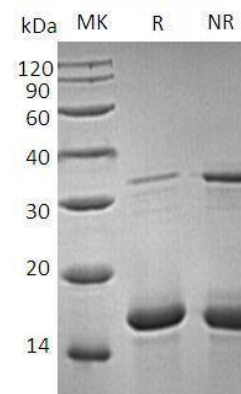
**Storage:**

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  for 2-7 days.

**Reconstitution:**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100\ \mu\text{g}/\text{ml}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**SDS-PAGE:**



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