# FGF-5 (1-268): sc-4361 WB



The Power to Question

#### **BACKGROUND**

Fibroblast growth factor-1 (FGF-1), also designated acidic FGF, and fibroblast growth factor-2 (FGF-2), also referred to as basic FGF, are members of a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Additional members of the FGF family include the oncogenes FGF-3 (Int2) and FGF-4 (hst/Kaposi), FGF-5, FGF-6, FGF-7 (KGF), FGF-8 (AIGF), FGF-9 (GAF) and FGF-10. Members of the FGF family share 30-55% amino acid sequence identity, similar gene structure, and are capable of transforming cultured cells when over-expressed in transfected cells. Cellular receptors for FGFs are members of a second multigene family including four tyrosine kinases, designated Flg (FGFR-1), Bek (FGFR-L), TKF and FGFR-3.

## **REFERENCES**

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## **STORAGE**

Store at -20° C; stable for one year from the date of shipment.

#### **SOURCE**

FGF-5 (1-268) is expressed in *E. coli* as a 57 kDa tagged fusion protein corresponding to amino acids 1-268 representing full length FGF-5 of human origin.

### **PRODUCT**

FGF-5 (1-268) is purified from bacterial lysates (>98%) by column chromatography; supplied as 10  $\mu g$  in 0.1 ml SDS-PAGE loading buffer.

#### **APPLICATIONS**

FGF-5 (1-268) is suitable as a Western blotting control for sc-1362, sc-1363 and sc-7914.

#### **RESEARCH USE**

For research use only, not for use in diagnostic procedures.

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