

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Recombinant Human Acidic FGF1

ORDERING INFORMATION

Catalog No.: 45101

Size: 20 ug

SPECIFICATION SUMMARY

Source: Genetically-engineered *E. coli*.

Molecular Weight: 15,000 daltons

Purity: >90%

Diluent: 0.1% trifluoroacetic acid + 40% acetonitrile.

Preservatives: None

PURIFICATION

Purified by heparin affinity chromatography and HPLC; single band at 1 ug on silver-stained SDS-PAGE.

BIOLOGICAL ACTIVITY

The activity of acidic FGF at 1-10 ng/ml is determined by a cellular proliferation assay using mouse fibroblasts. The optimal concentration of this product for use with other cell types must be determined by the end user.

SPECIFICITY

In the presence of heparin, 45101 binds to most cells that express FGF receptor; binds to all known isoforms of FGF receptor.

DILUTION INSTRUCTIONS

Dilute with either 0.1% TFA/40% acetonitrile or PBS/0.1% CHAPS for best stability and to prevent absorption of product on walls of vessels.

STORAGE AND STABILITY

This product is stable for at least one (1) year at -20°C to -70°C. Keep frozen until use. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

REFERENCES

Burgess, WH and Maciag, T (1989) Annual Rev Biochem 58: 575.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.