

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Recombinant Rat FGF-7 (Keratinocyte Growth Factor)

ORDERING INFORMATION

Catalog No.: 45102

Size: 20 ug

SPECIFICATION SUMMARY

Source: Genetically-engineered *E. coli*.

Molecular Weight: ~17,000 daltons

Purity: >90%

Diluent: PBS/1.5 M NaCl

Preservatives: None

PURIFICATION

Purified by heparin affinity chromatography.

BIOLOGICAL ACTIVITY

The activity of rat FGF-7 at 1-10 ng/ml is determined by tritiated thymidine incorporation using cultured mouse keratinocytes. Maximum stimulation observed at 1 ng/ml. The optimal concentration of this product for use with other cell types must be determined by the end user.

SPECIFICITY

45102 binds to keratinocytes and most parenchymal epithelial cells; binds specific splice variant of FGF receptor expressed in epithelial cells (FGFr2IIIb).

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

Yan, G. (1991) *In Vitro Cell Dev Biol* 27A: 437; Wang, F. et al (1995) *J Biol Chem* 270: 10222.

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