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32-20072: Recombinant Rat EGF(Discontinued)

Reactivity : Human , Mouse, rat
Alternative Name : Epidermal Growth Factor, Urogastrone, URG

Description

Source:E.coliEGF is a potent growth factor that stimulates the proliferation of various epidermal and epithelial cells. Additionally, EGF has been shown to inhibit gastric secretion, and to be involved in wound healing. EGF signals through a receptor known as c-erbB, which is a class I tyrosine kinase receptor. This receptor also binds with TGF-Alpha and VGF (vaccinia virus growth factor). Recombinant Rat EGF is a 6.2 kDa globular protein containing 54 amino acid residues, including 3 intramolecular disulfide bonds.

Product Info

Amount : 20 µg / 100 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MNSNTGCPPS YDGYCLNGGV CMYVESVDRY VCNCVIGYIG ERCQHRDLRW WKLR

Application Note

TheÃ Â ED_{50}Ã Â was determined by a cell proliferation assay using BALB/c 3T3 cells is <= 0.1 ng/ml, corresponding to a specific activity of >= 1 x 10^7units/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.