EGF Human E. coli

Product Data Sheet

Type: Recombinant, Animal-Free manufactured
Source: E. coli
Species: Human
Other names: Epidermal Growth Factor, Urogastrone, URG

Cat. No.:

RBG101150100	(100 µg)
RBG101150500	(500 µg)
RBG101151000	(1mg)

Research topic

Cardiovascular disease, Coronary artery disease, Neural tissue markers, Oncology

Amino Acid Sequence

NSDSECPLSH DGYCLHDGVC MYIEALDKYA CNCVVGYIGE RCQYRDLKWW ELR

Source

E. coli

Purity

>98% by SDS-PAGE gell and HPLC analysis

Biological Activity

Determined by its ability to stimulate the proliferation of mouse balb/c 3T3 cells. The ED_{50} is ? 0.1 ng/ml, corresponding to a specific activity of ? 1×10^7 units/mg.

Endotoxin

Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 5% Trehalose) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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