beta-NGF Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: NGF-beta

Cat. No.:

RBG10247020	(20 µg)
RBG10247100	(100 µg)
RBG10247250	(250 µg)

Research topic

Cardiovascular disease, Chemokines, Coronary artery disease, Cytokines and chemokines and related molecules, Diabetology - Other Relevant Products, Neural tissue markers

Amino Acid Sequence

SSSHPIFHRG EFSVCDSVSV WVGDKTTATD IKGKEVMVLG EVNINNSVFK QYFFETKCRD PNPVDSGCRG IDSKHWNSYC TTTHTFVKAL TMDGKQAAWR FIRIDTACVC VLSRKAVRRA

Source

E. coli

Purity

98%

Biological Activity

determined by its ability to stimulate chick E9 DRG neurite outgrowth. The ED50 is 1.0 ng/ml, corresponding to a specific activity of 1×106 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 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Storage, Stability/Shelf Life

-20°C

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