GMF-beta Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Glia Maturation Factor beta, GMFB

Cat. No.:

RBG10168002	(2 µg)
RBG10168010	(10 µg)
RBG10168100	(100 µg)

Description

GMF-beta is a brain-specific protein that belongs to the actin-binding proteins ADF structural family. GMF-beta appears to play a role in the differentiation, maintenance, and regeneration of the nervous system. It also supports the progression of certain auto-immune diseases, possibly through its ability to induce the production and secretion of various pro-inflammatory cytokines. Recombinant Human GMF-beta is a 16.5 kDa globular protein containing 141 amino acid residues, including one intramolecular disulfide bond.

Research topic

Neural tissue markers

Amino Acid Sequence

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SESLVVCDVA EDLVEKLRKF RFRKETNNAA IIMKIDKDKR LVVLDEELEG ISPDELKDEL PERQPRFIVY SYKYQHDDGR
VSYPLCFIFS SPVGCKPEQQ MMYAGSKNKL VQTAELTKVF EIRNTEDLTE EWLREKLGFF H
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Source

E. coli

Purity

98%

Biological Activity

Data Not Available.

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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