



Recombinant Human GMF-beta

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-340
Size:	10 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	2764
Synonyms:	GMFB; GMF

GMF-β a brain-specific protein that belongs to the actin-binding proteins (ADF) structural family. GMF-β 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-β is a 16.5 kDa globular protein containing 141 amino acid residues including one intramolecular disulfide bond.

Sequence

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SESLVVCDDVA EDLVEKLRKF RFRKETNNAI IIMKIDKDKR  
LVVLDEELEG ISPDELKDEL PERQPRFIVY SYKYQHDDGR  
VSYPLCFIFS SPVGCKPEQQ MMYAGSKNKL VQTAEITKVF  
EIRNTEDLTE EWLREKLGFF H
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Database References

Protein RefSeq:	NP_004115.1
Uniprot ID:	P60983
mRNA RefSeq:	NM_004124

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	141
MW:	16.5 kDa

Biological Activity: Data not available.



AVOID REPEATED FREEZE AND THAW CYCLES!