

Recombinant Human Glia Maturation Factor beta (Human GMF-β)

Product Information

Product Name	Cat#	Size
	92520ES10	10 μg
Recombinant Human Glia Maturation Factor beta (Human GMF-β)	92520ES60	100 μg
	92520ES76	500 μg

Product Description

GMF-beta belongs to the actin-binding ADF/cofilin protein family. It contains an ADF-H domain, but the research of crystallography and NMR reveals that there are structures different between human and mouse ADF-H domain. It was initially identified as a growth gamma differentiation factor that acts on neurons and glia. It has also been shown to function intracellularly as a modulator of MAP kinase signal transduction.

Product Properties

Synonyms	GMFB
Accession	P60983
GeneID	2764
Source	E.coli-derived HumanGMF-β, Ser2-His142.
Molecular Weight	Approximately 16.6 kDa.
AA Sequence	SESLVVCDVA EDLVEKLRKF RFRKETNNA IIMKIDKDKR LVLDEELEG ISPDELKDEL PERQPRFIVY SYKYQHDDGR VSYPLCFIFS SPVGCKPEQQ MMYAGSKNKL VQTAELTKVF EIRNTEDLTE EWLREKLGFF H
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 98% by SDS-PAGE and HPLC analyses.
Biological Activity	Data Not Available.
Endotoxin	< 1.0 EU per 1μg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Reconstitution	Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.

3. For research use only!