

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

Product Information

Product Name	Cat#	Size
	92269ES10	10 μg
Recombinant Rat Glia Maturation Factor beta (Rat GMF- β)	92269ES60	100 μg
	92269ES76	500 μg

Product Description

The glia maturation factor beta belongs to the actin-binding proteins ADF family, GMF subfamily. 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. GMF- β is involved in the differentiation, maintenance, and regeneration of the nervous system. It also inhibition of proliferation of tumor cells.

Product Properties

Synonyms	Glia maturation factor beta, GMF-beta
Accession	Q63228
GeneID	81661
Source	E.coli-derived rat Glia Maturation Factor beta protein, Ser2-His142
Molecular Weight	Approximately 16.6 kDa.
AA Sequence	SESLVVCDDVAEDLVEKLRKFRFRKETHNAAIIMKIDKDKRLVVLDEELEGVSPDELKDELPERQPR FIVYSYKYQHDDGRVSYPLCFIFSSPLGCKPEQQMMYAGSKNKLVQTAELTKVFEIRNTEDLTEW LREKLGFFH
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 98 % by SDS-PAGE and HPLC analyses.
Biological Activity	Data is 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 PBS, pH 7.4. 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!