

Glia Maturation Factor Beta Rat Recombinant

Item Number	rAP-2678
Synonyms	Glia maturation factor beta, GMFB, GMF-B, GMF-beta, GMF, C79176, AI851627, D14Ert630e, 3110001H22Rik, 3110001O16Rik.
Description	Glia Maturation Factor-Beta (GMF-Beta) Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 141 amino acids and having a total molecular mass of 16.6kDa. GMF-Beta is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q63228
Amino Acid Sequence	SESLVVCDDVA EDLVEKLRKF RFRKETHNAA IIMKIDKDKR LVLDEELEG VSPDELKDEL PERQPRFIVY SYKYQHDDGR VSYPLCFIFS SPLGCKPEQQ MMYAGSKNKL VQTAELTKVF EIRNTEDLTE EWL-REKLGFF H.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized GMFB although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution GMFB should be stored at 4C between 2-7 days and for future use below -18C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 1xPBS, pH 7.4. Greater than 97.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized GMFB in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**