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DATA SHEET

Glia Maturation Factor Beta Human Recombinant

Item Number	rAP-2679
Synonyms	Glia maturation factor beta, GMFB, GMF-B, GMF-beta, GMF.
Description	Glia Maturation Factor-Beta (GMF-Beta) Human Recombinant produced in E.Coli is a signle, non-glycosylated, polypeptide chain containing 141 amino acids and having a total molecular mass of 16.5 kDa. Glia Maturation Factor-Beta, GMF-Beta, Human Recombinant is purified by proprietary chromatographic
Uniprot Accesion Number	P60983
Amino Acid Sequence	SESLVVCDVAEDLVEKLRKFRFRKETNNAAIIMKIDKDKRLVVLDEELEGISPDELKELP-ERQPRFIVYSYKYQHDDGRVSYPLCFIFSSPVGCKPEQQMMYAGSKNKLVQT AELTKVFEIRNTED-LTEEWLREKLGFFH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized GMF-B although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GMF-beta should be stored at 4°C between 2-7 days and for future use below -18°C.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	The GMF-beta protein was lyophilized after dialysis against 20mM PBS pH=7.4 and 130mM NaCl. Greater than 98.0% 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 18MΩ-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