

Product Datasheet

Murine GMF beta protein (orb82615)

Description	Glia maturation factor beta(GMF beta) coded by GMFb gene at chromosome 14 in mouse, is identical to human GMF beta, with the exception of two amino acid residues. It is a brain-specific protein that belongs to the actin-binding proteins (ADF) structural family, and plays an important role in the upstream regulation of excessive production and the releasing of proinflammatory cytokines/chemokines in brain cells, leading to the destruction of oligodendrocytes, the myelin forming cells, and neurons. Less than 1EU/μg of rMuGMF beta as determined by LAL method.
Conjugation	Unconjugated
Tested Applications	FA, HPLC, SDS-PAGE
Target	GMF beta
Preservatives	Sterile Filtered White lyophilized (freeze-dried) powder. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only
Application notes	Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.
Protein Sequence	SESLVVCDDVA EDLVEKLRKF RFRKETHNAA IIMKIDKDER LVVLDEEELEG VSPDELKDEL PERQPRFIVY SYKYQHDDGR VSYPLCFIFS SPVGCKPEQQ MMYAGSKNKL VQTAELTKVF EIRNTEDLTE EWLREKLGFF H
Purity	> 97% pure by SDS-PAGE and HPLC analyses.
MW	16.4 kDa
Expiration Date	6 months from date of receipt.

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