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# **DATASHEET**

Recombinant human GMF-beta protein

#### **Product overview**

Name Recombinant human GMF-beta protein

Cat No HB9349

**Biological description**Human glia maturation factor beta (GMFB) is part of the GMF subfamily of the larger actin-binding

protein ADF family. GMFB is crucial for the nervous system.

Species of origin human

Alternative names Recombinant Human Glia Maturation Factor Beta, Glia maturation factor beta, GMFB, GMF-B, GMF-

beta, GMF.

Purity >98%

**Description** Recombinant human glia maturation factor beta protein

## **Solubility & Handling**

can then be diluted to make a working solution

Solutions should be made in sterile deionized water (not less than 100 μg/ml). This solution can then be further diluted with other aqueous solutions.

Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days

and for future use store at -18°C.

• For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions.

Solutions should be aliquoted into tightly sealed vials for storage at -20 °C. Freeze-thaw cycles should be prevented.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use

## **Chemical Data**

UniProt ID P60983 Source E. Coli.

**Appearance** White lyophilized powder (sterile filtered & freeze-dried)

Formulation Lyophilized after dialysis against PBS (20mM, pH7.4) and NaCl (130mM)

### References

Axonal signals regulate expression of glia maturation factor-beta in Schwann cells: an immunohistochemical study of injured sciatic nerves and cultured Schwann cells

Bosch EP *et al* (1989) J Neurosci 9(10) **PubMedID**2795149

Glia maturation factor-\(\beta\): a potential therapeutic target in neurodegeneration and neuroinflammation

Fan J *et al* (2018) Neuropsychiatr Dis Treat 14 **PubMedID**29445286

Expression of glia maturation factor beta mRNA and protein in rat organs and cells

Zaheer A et al (1993) J Neurochem 60(3)