

## PRODUCT INFORMATION SUMMARY

### Human GMF-Beta

Purified Factor	Product Number	HC70121B	10.0 ug
Purified Factor	Product Number	HC70121A	2.0 ug

#### DESCRIPTION:

Human Glial Maturation Factor-Beta (GMF-beta) is a member of the Actin Binding protein family and is involved in nervous system maintenance, differentiation and regeneration. GMF-Beta can induce the production of pro-inflammatory cytokines and may have a role in certain auto-immune diseases. Recombinant human GMF-beta contains 141 aa. residues, with 16.5 kDa molecular weight.

**SOURCE:** E. Coli  
Purity > 98% by HPLC analysis  
Endotoxin < 0.1 ng per ug GMF-beta  
Sterile-filtered and lyophilized from PBS

**BIOLOGICAL ACTIVITY:** Not currently evaluated.

#### HANDLING AND STORAGE:

Purified Human GMF-beta factor is provided lyophilized. Store lyophilized, at -20° C. **Microcentrifuge** before reconstitution (see below). Upon reconstitution in distilled water to concentration of 100 ug/mL, further dilute in PBS or other buffered solutions. Store small aliquots, **with addition of carrier protein ie., 0.1% BSA**, at -20° C for long-term storage - up to 3 months, at high concentration.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**