

## Recombinant Human GMFB protein

**Cat. No.** GMFB-8565H    **Lot. No.** (See product label)

### SPECIFICATION

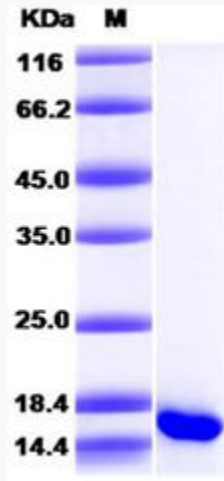
|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GMFB protein(Met1-His142) was expressed in E.coli.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-142 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human GMFB consists of 142 amino acids and predicts a molecular mass of 16.7 KDa. It migrates as an approximately 17 KDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GMFB glia maturation factor, beta [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | GMFB                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | GMFB; glia maturation factor, beta; glia maturation factor beta; GMF; GMF-beta;                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>         | 2764                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_004124                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_004115                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | 601713                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | P60983                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>SDS-PAGE</b>        |  <p>The SDS-PAGE gel image displays molecular weight markers on the left and a single protein band on the right. The markers are labeled with their respective molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein band for GMFB is located between the 18.4 and 25.0 kDa markers, appearing slightly above the 18.4 kDa marker.</p> |