# Product datasheet for TP302782L

## GMF beta (GMFB) (NM_004124) Human Recombinant Protein

## Product data:
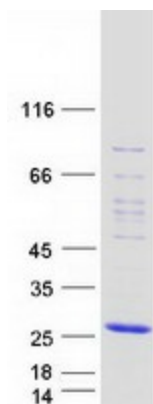
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| **Product Type:** | Recombinant Proteins |
| **Description:** | Recombinant protein of human glia maturation factor, beta (GMFB), 1 mg |
| **Species:** | Human |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >RC202782 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MSESLVVCDVAEDLVEKLRKFRFRKETNNAAIIMKIDKDKRLVVLDEELEGISPDELKDELPERQPRFIV YSYKYQHDDGRVSYPLCFIFSSPVGCKPEQQMMYAGSKNKLVQTAELTKVFEIRNTEDLTEEWLREKLGF FTNVNFCVSKVFMY<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Predicted MW:** | 16.5 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| **Preparation:** | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_004115 |
| **Locus ID:** | 2764 |
| **UniProt ID:** | P60983 |
| **RefSeq Size:** | 4125 |

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|---|---|
| **Cytogenetics:** | 14q22.2 |
| **RefSeq ORF:** | 462 |
| **Synonyms:** | GMF |
| **Summary:** | This protein causes differentiation of brain cells, stimulation of neural regeneration, and inhibition of proliferation of tumor cells.[UniProtKB/Swiss-Prot Function] |

## Product images:



Coomassie blue staining of purified GMFB protein (Cat# [TP302782]). The protein was produced from HEK293T cells transfected with GMFB cDNA clone (Cat# [RC202782]) using MegaTran 2.0 (Cat# [TT210002]).