

Product datasheet for PH302782

GMF beta (GMFB) (NM_004124) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | GMFB MS Standard C13 and N15-labeled recombinant protein (NP_004115) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC202782 |
| Predicted MW: | 18.1 kDa |
| Protein Sequence: | >RC202782 protein sequence Red=Cloning site Green=Tags(s) MSESLVVCDAEDLVEKLRKFRFRKETNNAIIMKIDKDKRLVVLDEELEGISPDELKDELPERQPRFIV YSYKYQHDDGRVSYPLCFIFSSPVGCKPEQQMMYAGSKNKLVTAE LTKVFEIRNTEDL TEEWLREKLG FTNVNFCVSKVFM Y TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_004115</u> |
| RefSeq Size: | 4125 |
| RefSeq ORF: | 462 |
| Synonyms: | GMF |
| Locus ID: | 2764 |
| UniProt ID: | <u>P60983</u> |



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Cytogenetics: 14q22.2

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]).