

Product datasheet for TP312500M

EIF2B4 (NM_015636) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), transcript variant 3, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC212500 protein sequence Red=Cloning site Green=Tags(s) |

MAAVAVAVREDSGSGMKAELPPGPGAVGREMTKEEKLQLRKEKKQKKKRKEEKGAEPETGSAVSAAQCQ
VGPTRELPESGIQLGTPREKVPAGRSKAELRAERRAKQEAERALKQARKGEQGGPPPKASPSTAGETPSG
VKRLPEYPQVDDLLLRRLVKKPERQQVPTRKDYGSKVSLFSLHPQYSRQNSLTQFMSIPSSVIHPAMVRL
GLQYSQGLVSGSNARCIALLRALQQVIQDYTPPNEELSRDLVNKLPYMSFLTQCRPLSASMHNAIKFL
NKEITSVGSSKREEEAKSELRAAIDRYVQEKIVLAAQAISRFAYQKISNGDVILVYGCSLVSRLQEAW
TEGRRFRVWVDSRPWLEGRHTLRSLVHAGVPASYLLIPAASYVLPEVSKVLLGAHALLANGSVMRSRVGT
AQLALVARAHNPVLVCCETYKFCERVQTDAFVSNELDDPDDLQCKRGEHVALANWQNHASLRLLNLVYD
VTPPELVLDLVITELGMIPCSSVPVLRVKSSDQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

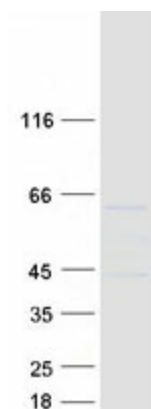
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 57.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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. |



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| 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_056451 |
| Locus ID: | 8890 |
| UniProt ID: | Q9UI10 |
| RefSeq Size: | 1760 |
| Cytogenetics: | 2p23.3 |
| RefSeq ORF: | 1569 |
| Synonyms: | EIF-2B; EIF2B; EIF2Bdelta |
| Summary: | Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta, subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |

Product images:



Coomassie blue staining of purified EIF2B4 protein (Cat# [TP312500]). The protein was produced from HEK293T cells transfected with EIF2B4 cDNA clone (Cat# [RC212500]) using MegaTran 2.0 (Cat# [TT210002]).