

## Product datasheet for TP312500L

### EIF2B4 (NM\_015636) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), transcript variant 3, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC212500 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAVAVAVREDSGSGMKAELPPGPGAVGREMTKEEKLQLRKEKKQKKKRKEEKGAEPETGSAVSAAQCQ  
 VGPTRELPESGIQLGTPREKVPAGRSKAELRAERRAKQEAERALKQARKGEQGGPPPKASPSTAGETPSG  
 VKRLPEYPQVDDLLLRRLVKKPERQQVPTRKDYGSKVSLFSLPQYSRQNSLTQFMSIPSSVIHPAMVRL  
 GLQYSQGLVSGSNARCIALLRALQQVIQDYTPPNEELSRDLVNKLKPYMSFLTQCRPLSASMHNIAIKFL  
 NKEITSVGSSKREEEAKSELRAAIDRYVQEKIVLAAQAISRFAYQKISNGDVILVYGCSLVSRLQEAW  
 TEGRRFRVWVDSRPWLEGRHTLRSLVHAGVPASYLLIPAASYVLPEVSKVLLGAHALLANGSVMRSRVGT  
 AQLALVARAHNVPVLVCCETYKFCERVQTDAFVSNELDDPDDLQCKRGEHVALANWQNHASLRLLNLVYD  
 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.

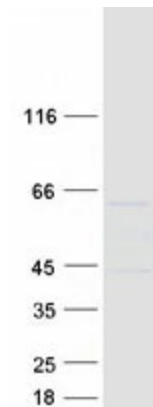
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_056451</a>
<b>Locus ID:</b>	8890
<b>UniProt ID:</b>	<a href="#">Q9UI10</a>
<b>RefSeq Size:</b>	1760
<b>Cytogenetics:</b>	2p23.3
<b>RefSeq ORF:</b>	1569
<b>Synonyms:</b>	EIF-2B; EIF2B; EIF2Bdelta
<b>Summary:</b>	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]).