

Product datasheet for **TP312500**

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212500 protein sequence Red =Cloning site Green =Tags(s)

MAAVAVAVREDSGSGMKAELPPGPGAVGREMTKEEKLQLRKEKKQKKKRKEEKGAEPETGSAVSAAQCQ
VGPTRELPESGIQLGTPREKVPAGRSKAELRAERRAKQEAERALKQARKGEQGGPPPKASPSTAGETPSG
VKRLPEYPQVDDLLLRRLVKKPERQQVPTRKDYGSKVSLFSLPQYSRQNSLTQFMSIPSSVIHPAMVRL
GLQYSQGLVSGSNARCIALLRALQQVIQDYTPPNEELSRDLVNKLKPYMSFLTQCRPLSASMHNAIKFL
NKEITSVGSSEKREEEAKSELRAAIDRYVQEKIVLAAQAISRFAYQKISNGDVILVYGCSLVSRLQEAW
TEGRRFRVWVDSRPWLEGRHTLRSLVHAGVPASYLLIPAASYVLPEVSKVLLGAHALLANGSVMRSRVGT
AQLALVARAHNPVLVCCETYKFCERVQTDAFVSNELDDPDDLQCKRGEHVALANWQNHASLRLLNLVYD
VTPPELVLDLVITELGMIPCSSVPVLRVKSSDQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

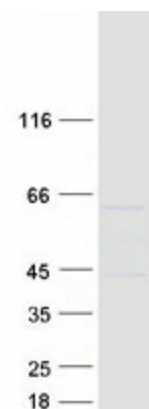
Tag:	C-Myc/DDK
Predicted MW:	57.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



[View online »](#)

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]).