

Product datasheet for PH312500

EIF2B4 (NM_015636) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EIF2B4 MS Standard C13 and N15-labeled recombinant protein (NP_056451)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212500
Predicted MW:	57.6 kDa
Protein Sequence:	>RC212500 protein sequence Red=Cloning site Green=Tags(s)

MAAVAVAVREDSGSGMKAELPPGPGAVGREMTKEEKLQLRKEKKQKKRKEEKGAEPETGSAVSAAQCQ
VGPTRELPESGIQLGTPREKVPAGRSKAE LRAERRAKQEAERALKQARKGEQGGPPPKASPSTAGETPSG
VKRLPEYPQVDDLLRRLVKKPERQQVPTRKDYGSKVSLF SHLPQYSRQNSLTQFMSIPSSVIHPAMVRL
GLQYSQGLVSGSNARCIALLRALQQVIQDYTPPNEELSRDLVNKLKPYMSFLTQCRPLSASMHNAIKFL
NKEITSVGS SKREEEAKSELRAAIDRYVQEKIVLAAQAISRFA YQKISNGDVILVYGCSSLVSRILQEAW
TEGRRFRVVVDSRPWLEGRHTLRSLVHAGVPASYLLIPAASYVLPEVSKVLLGAHALLANGSVMSRVGT
AQLALVARAHNVPVLVCCETYKFCERVQTD A FVSNELDDPDDLQCKRGEHVALANWQNHASLRLLNLVYD
VTPPELVDLVITELGMIPCSSVPVLRVKSSDQ

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:	NP_056451
RefSeq Size:	1760
RefSeq ORF:	1569



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Synonyms: EIF-2B; EIF2B; EIF2Bdelta

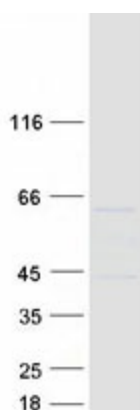
Locus ID: 8890

UniProt ID: [Q9UI10](#)

Cytogenetics: 2p23.3

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]).