

## Product datasheet for **TP505324**

### Eif2b2 (NM\_145445) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse eukaryotic translation initiation factor 2B, subunit 2 beta (Eif2b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205324 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPGAAAKGSELSEIEGFVETLKRGGGQRSEDMARETLGLLRRLITDHHWNNAGDMLDIRREGRRMTA  
AQPSETTVGNMVRRLKIIREEYGRHLHGRSDESDQQESLHKLLTSGGLSEDFSFHFAPLKANIIEAINEL  
LVELEGTMENIAAQALEHIHSNEVIMTIGYSRTVEAFLKEAARKRKFHVIVAECAPFCQGHMAVNSKE  
GIETVMTDAAIFAVMSRVNKVIIGTKTILANGSLRAVAGHTLALAAKHHSTPLIVCAPMFKLSPQFPS  
EEDSFHKFVAPEEVLPTFTEGDILEKVSVHCPVFDYVPPDLITLFIISNIGGNAPSYIYRLMSELYHPDDHV  
L

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	38.9 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
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 after receiving vials.
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:	<a href="#">NP_663420</a>
Locus ID:	217715
UniProt ID:	<a href="#">Q99LD9</a>



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RefSeq Size: 1573

Cytogenetics: 12 D1

RefSeq ORF: 1056

Synonyms: EIF-2Bbe; EIF-2Bbeta; EIF2; EIF2B

**Summary:** This gene encodes the beta subunit of eukaryotic initiation factor-2B (EIF2B). EIF2B is involved in protein synthesis and exchanges GDP and GTP for its activation and deactivation. Mutations in the human gene are associated with ovarioleukodystrophy and leukoencephalopathy with vanishing white matter. [provided by RefSeq, Sep 2015]