

## Recombinant Mouse Eif2b2 Protein, Myc/DDK-tagged

Cat. No. Eif2b2-2773M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 2B, subunit 2 beta (Eif2b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	38.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Eif2b2 eukaryotic translation initiation factor 2B, subunit 2 beta [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Eif2b2
<b>Synonyms</b>	EIF2B2; eukaryotic translation initiation factor 2B, subunit 2 beta; translation initiation factor eIF-2B subunit beta; eIF-2B GDP-GTP exchange factor subunit beta; EIF2B; C85417; AA409345; EIF-2Bbeta
<b>Gene ID</b>	217715
<b>mRNA Refseq</b>	NM_145445
<b>Protein Refseq</b>	NP_663420
<b>UniProt ID</b>	Q99LD9

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