

Recombinant Mouse Eif2b2 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	38.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Eif2b2 eukaryotic translation initiation factor 2B, subunit 2 beta [Mus musculus (house mouse)]
Official Symbol	Eif2b2
Synonyms	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
Gene ID	217715
mRNA Refseq	NM_145445
Protein Refseq	NP_663420
UniProt ID	Q99LD9

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