

Recombinant Mouse Eif4b Protein, Myc/DDK-tagged

Cat. No. Eif4b-2786M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 4B (cDNA clone MGC:7530 IMAGE:3492114), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.
Molecular Mass	40.7 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	Eif4b eukaryotic translation initiation factor 4B [Mus musculus (house mouse)]
Official Symbol	Eif4b
Synonyms	Eif4b; eukaryotic translation initiation factor 4B; C85189; Eif4a2; AL024095; 2310046H11Rik; eukaryotic translation initiation factor 4B; eIF-4B
Gene ID	75705
mRNA Refseq	NM_145625
Protein Refseq	NP_663600
UniProt ID	Q8BGD9

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