

Recombinant Mouse Eif6 Protein, Myc/DDK-tagged

Cat. No. Eif6-2794M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 6 (Eif6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a eukaryotic translation initiation factor that regulates both ribosome biogenesis and translation, which are rate-limiting factors for cell growth. The encoded protein binds 60S ribosomes and prevents their association with 40S ribosomes. This gene may play a role in oncogenesis as well.
Molecular Mass	27 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	Eif6 eukaryotic translation initiation factor 6 [Mus musculus (house mouse)]
Official Symbol	Eif6
Synonyms	EIF6; eukaryotic translation initiation factor 6; B4 integrin interactor; integrin beta 4 binding protein; CAB; eIF-6; p27BBP; Itgb4bp; imc-415; AA408895; p27(BBP); 1110004P11
Gene ID	16418
mRNA Refseq	NM_010579
Protein Refseq	NP_034709
UniProt ID	O55135

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