Recombinant Mouse Eif1 Protein, Myc/DDK-tagged

Cat. No. Eif1-2768M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 1 (Eif1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Necessary for scanning and involved in initiation site selection. Promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA.
Molecular Mass	13.2 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.

GENE INFORMATION

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Gene Name	Eif1 eukaryotic translation initiation factor 1 [Mus musculus (house mouse)]
Official Symbol	Eif1
Synonyms	EIF1; eukaryotic translation initiation factor 1; protein translation factor SUI1 homolog; suppressor of initiator codon mutations, related sequence 1; suppressor of initiator codon mutations-Yeast homolog related sequence 1; Sui1-rs1; MGC6503; MGC101938
Gene ID	20918
mRNA Refseq	NM_011508
Protein Refseq	NP_035638
UniProt ID	P48024

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