

Recombinant Mouse Eif5 Protein, Myc/DDK-tagged

Cat. No. Eif5-2791M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 5 (Eif5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]).
Molecular Mass	49 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	Elf5 eukaryotic translation initiation factor 5 [Mus musculus (house mouse)]
Official Symbol	Elf5
Synonyms	EIF5; eukaryotic translation initiation factor 5; eIF-5; D12Ertd549e; 2810011H21Rik; MGC36374; MGC36509
Gene ID	217869
mRNA Refseq	NM_173363
Protein Refseq	NP_775539
UniProt ID	P59325

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