

Recombinant Mouse Eif5a Protein, Myc/DDK-tagged

Cat. No. Eif5a-2792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 5A (Eif5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes an elongation initiation factor, which participates in protein synthesis. The encoded protein also plays roles in mRNA metabolism, cell proliferation, and cell cycle control. This protein contains a modified lysine residue called hypusine, which appears to be necessary for its function. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 2, 5, and 19.
Molecular Mass	17.3 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Eif5a eukaryotic translation initiation factor 5A [*Mus musculus* (house mouse)]

Official Symbol Eif5a

Synonyms EIF5A; eukaryotic translation initiation factor 5A; eukaryotic translation initiation factor 5A-1; Eif4d; Eif5a1; eIF-4D; eIF-5A; eIF-5A1; AA410058; eIF-5A-1; D19Wsu54e; MGC6725

Gene ID 276770

mRNA Refseq NM_181582

Protein Refseq NP_853613

UniProt ID P63242

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