

Recombinant Mouse Eif5a2 Protein, Myc/DDK-tagged

Cat. No. Eif5a2-2793M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length eukaryotic translation initiation factor 5A2 (Eif5a2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	mRNA-binding protein involved in translation elongation. Has an important function at the level of mRNA turnover, probably acting downstream of decapping. Involved in actin dynamics and cell cycle progression, mRNA decay and probably in a pathway involved in stress response and maintenance of cell wall integrity. Functions as a regulator of apoptosis. Mediates effects of polyamines on neuronal process extension and survival. May play an important role in brain development and function, and in skeletal muscle stem cell differentiation.
Molecular Mass	17.2 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

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

GENE INFORMATION

Gene Name Eif5a2 eukaryotic translation initiation factor 5A2 [Mus musculus (house mouse)]

Official Symbol Eif5a2

Synonyms EIF5A2; eukaryotic translation initiation factor 5A2; eukaryotic translation initiation factor 5A-2; eIF-5A2; eIF-5A-2; eukaryotic initiation factor 5A; eIF5AII; 9630038B20; MGC124092; MGC124093

Gene ID 208691

mRNA Refseq NM_177586

Protein Refseq NP_808254

UniProt ID Q8BGY2

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