

Recombinant Mouse Eef1aknmt Protein, Myc/DDK-tagged

Cat. No. Eef1aknmt-2735M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length EEF1A lysine and N-terminal methyltransferase (Eef1aknmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dual methyltransferase that catalyzes methylation of elongation factor 1-alpha (EEF1A1 and EEF1A2) at two different positions, and is therefore involved in the regulation of mRNA translation. Via its C-terminus, methylates EEF1A1 and EEF1A2 at the N-terminal residue 'Gly-2'. Via its N-terminus dimethylates EEF1A1 and EEF1A2 at residue 'Lys-55'.
Molecular Mass	78.8 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 Eef1aknmt EEF1A lysine and N-terminal methyltransferase [Mus musculus (house mouse)]

Official Symbol Eef1aknmt

Synonyms Eef1aknmt; EEF1A lysine and N-terminal methyltransferase; Mettl1; Mettl13; 5630401D24Rik; eEF1A lysine and N-terminal methyltransferase; eEF1A-KNMT; methyltransferase like 13; methyltransferase-like protein 13; EC 2.1.1.-

Gene ID 71449

mRNA Refseq NM_144877

Protein Refseq NP_659126

UniProt ID Q91YR5

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