

## Recombinant Mouse Eef1a1 Protein, Myc/DDK-tagged

Cat. No. Eef1a1-2733M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length eukaryotic translation elongation factor 1 alpha 1 (Eef1a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. Plays a role in the positive regulation of IFNG transcription in T-helper 1 cells as part of an IFNG promoter-binding complex with TXK and PARP1.
<b>Molecular Mass</b>	50.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Eef1a1 eukaryotic translation elongation factor 1 alpha 1 [ Mus musculus (house mouse) ]

**Official Symbol** Eef1a1

**Synonyms** Eef1a1; eukaryotic translation elongation factor 1 alpha 1; elongation factor 1-alpha 1; EF-1-alpha-1; EF-Tu; eEF1A-1; elongation factor 1 A-1; elongation factor Tu; eukaryotic elongation factor 1 A-1

**Gene ID** 13627

**mRNA Refseq** NM\_010106

**Protein Refseq** NP\_034236

**UniProt ID** P10126

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