

Recombinant Mouse Eef1a1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	50.6 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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