

Recombinant Mouse Elp1 Protein, Myc/DDK-tagged

Cat. No. Elp1-2804M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length elongator complex protein 1 (Elp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the RNA polymerase II elongator complex, a multiprotein complex associated with the RNA polymerase II (Pol II) holoenzyme, and which is involved in transcriptional elongation. The elongator complex catalyzes formation of carboxymethyluridine in the wobble base at position 34 in tRNAs. Involved in neurogenesis. Regulates the migration and branching of projection neurons in the developing cerebral cortex, through a process depending on alpha-tubulin acetylation. May act as a scaffold protein that may assemble active IKK-MAP3K14 complexes (IKKA, IKKB and MAP3K14/NIK).
Molecular Mass	149.6 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Elp1 elongator complex protein 1 [*Mus musculus* (house mouse)]

Official Symbol Elp1

Synonyms Elp1; elongator complex protein 1; I; Ikb; IKAP; C78473; Ikbkap; 6030413P05; 3110040G09Rik; elongator complex protein 1; IKK complex-associated protein; IKK-complex-associated protein IKAP; ikappaB kinase complex-associated protein; inhibitor of kappa light polypeptide enhancer in B cells, kinase complex-associated protein

Gene ID 230233

mRNA Refseq NM_026079

Protein Refseq NP_080355

UniProt ID Q7TT37

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