

Recombinant Mouse Poldip3 Protein, Myc/DDK-tagged

Cat. No. Poldip3-4986M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (DNA-directed), delta interacting protein 3 (Poldip3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Is involved in regulation of translation. Is preferentially associated with CBC-bound spliced mRNA-protein complexes during the pioneer round of mRNA translation. Contributes to enhanced translational efficiency of spliced over nonspliced mRNAs. Recruits activated ribosomal protein S6 kinase beta-1 I/RPS6KB1 to newly synthesized mRNA. Involved in nuclear mRNA export; probably mediated by association with the TREX complex.
Molecular Mass	46.6 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

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

GENE INFORMATION

Gene Name Poldip3 polymerase (DNA-directed), delta interacting protein 3 [Mus musculus (house mouse)]

Official Symbol Poldip3

Synonyms POLDIP3; polymerase (DNA-directed), delta interacting protein 3; polymerase delta-interacting protein 3; S6K1 Aly/REF-like target; polymerase delta interacting protein 46; SKAR; C77954; PDIP46; AA408269; AL022852; mKIAA1649; 1110008P04Rik; KIAA1649

Gene ID 73826

mRNA Refseq NM_178627

Protein Refseq NP_848742

UniProt ID Q8BG81

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