

Recombinant Mouse Poldip2 Protein, Myc/DDK-tagged

Cat. No. Poldip2-4985M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (DNA-directed), delta interacting protein 2 (Poldip2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in DNA damage tolerance by regulating translesion synthesis (TLS) of templates carrying DNA damage lesions such as 8oxoG and abasic sites. May act by stimulating activity of DNA polymerases involved in TLS, such as PRIMPOL and polymerase delta (POLD1).
Molecular Mass	41.9 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	Poldip2 polymerase (DNA-directed), delta interacting protein 2 [Mus musculus (house mouse)]
Official Symbol	Poldip2
Synonyms	POLDIP2; polymerase (DNA-directed), delta interacting protein 2; polymerase delta-interacting protein 2; mitogenin 1; mitogenin I; polymerase delta interacting protein 38; Pdip38; RP23-399H5.6; 1300003F06Rik
Gene ID	67811
mRNA Refseq	NM_026389
Protein Refseq	NP_080665
UniProt ID	Q91VA6

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