

Recombinant Human POLDIP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POLDIP2-5076H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POLDIP2 MS Standard C13 and N15-labeled recombinant protein (NP_056399) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that interacts with the DNA polymerase delta p50 subunit, as well as with proliferating cell nuclear antigen. The encoded protein maybe play a role in the ability of the replication fork to bypass DNA lesions. Alternative splicing results in multiple transcript variants.
Molecular Mass	42 kDa
AA Sequence	MAACTARRALAVGSRWWSRSLTGARWPRPLCAAAGAGAFSPASTTTTTRRHLSSRN RPEGKVLETVGVEVPKQNGKYETGQLFLHSIFGYRGVVLPWQARLYDRDVASAA PEKAENPAGHGSKEVKGKTHTYQVLIDARDCPHISQRSQTEAVTFLANHDDSRAL YAIPGLDYVSHEDILPYTSTDQVPIQHelferfLLYDQTKAPPFVARETLRAWQEKNH PWLELSDVHRETTENIRVTVIPFYMGMRQAQNSHVYWWRYCIRLENLSDVQVQLRE RHWRFSLSGTLETVRGRGVVGREPVLSEKQPAFQYSSHVSLQASSGHMWGTFRF ERPDGSHFDVRIPPFSLSESNKDEKTPPSGLHWTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

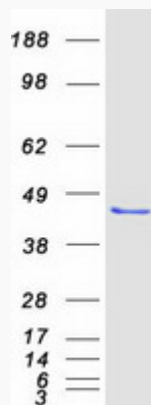
GENE INFORMATION

Gene Name	POLDIP2 DNA polymerase delta interacting protein 2 [Homo sapiens (human)]
Official Symbol	POLDIP2
Synonyms	POLDIP2; polymerase (DNA-directed), delta interacting protein 2; polymerase delta-interacting protein 2; DKFZP586F1524; PDIP38; p38; polymerase delta interacting protein 38; 38 kDa DNA polymerase delta interaction protein; POLD4; DKFZp586F1524;
Gene ID	26073
mRNA Refseq	NM_015584
Protein Refseq	NP_056399
MIM	611519
UniProt ID	Q9Y2S7

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SDS-PAGE

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