

## Product datasheet for PH300053

### POLDIP2 (NM\_015584) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	POLDIP2 MS Standard C13 and N15-labeled recombinant protein (NP_056399)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200053
Predicted MW:	42 kDa
Protein Sequence:	>RC200053 protein sequence Red=Cloning site Green=Tags(s)
	<p>MAACTARRALAVGSRWWSRSLTGARWPRPLCAAAGAGAFSPASTTTTRRHLSRNRPEGKVLTVGVFEV PKQNGKYETGQLFLHSIFGYRGVVLFPWQARLYDRDVASAAPEKAENPAGHSKEVKGKTHYYQVLIDA RDCPHISQRSQTEAVTFLANHDDSRALYAIPGLDYVSHEDILPYTSTDQVPIQHELFERFLLYDQTKAPP FVARETLRAWQEKNPWLELSDVHRETTENIRVTVIPFYMGMRQAQNSHVYWWRYCIRLENLSDSVVQLR ERHWIRIFSLSGTLETVRGRGVVGREPVL SKEQPAFYSSHVSLQASSGHMWTFRFRERPDGSHFDVRIPP FSLESNKDEKTPPSGLHW</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_056399</a></u>
RefSeq Size:	2753
RefSeq ORF:	1104
Synonyms:	p38; PDIP38; POLD4
Locus ID:	26073



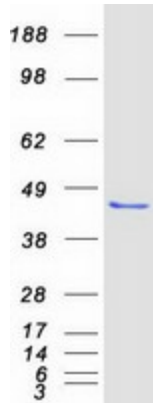
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UniProt ID: [Q9Y2S7](#)

Cytogenetics: 17q11.2

Summary: 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. [provided by RefSeq, Feb 2014]

### Product images:



Coomassie blue staining of purified POLDIP2 protein (Cat# [TP300053]). The protein was produced from HEK293T cells transfected with POLDIP2 cDNA clone (Cat# [RC200053]) using MegaTran 2.0 (Cat# [TT210002]).