

Recombinant Human PARP16 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PARP16-4653H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PARP16 MS Standard C13 and N15-labeled recombinant protein (NP_060321) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Intracellular mono-ADP-ribosyltransferase that may play a role in different processes through the mono-ADP-ribosylation of proteins involved in those processes. May play a role in the unfolded protein response (UPR), by ADP-ribosylating and activating EIF2AK3 and ERN1, two important UPR effectors. May also mediate mono-ADP-ribosylation of karyopherin KPNB1 a nuclear import factor. May not modify proteins on arginine, cysteine or glutamate residues compared to other mono-ADP-ribosyltransferases.
Molecular Mass	36.5 kDa
AA Sequence	MQPSGWAAAREAAAGRDMLAADLRCSLFASALQSYKRDSVLRPFPPASYARGDCKDF EALLADASKLPNLKELLQSSGDNHKRAWDLVSWILSSKVLTIHSAGKAEFEKIQLTG APHTPVPAPDFLFEIEYFDPANAKFYETKGERDLIYAFHGSRLENFHSIIHNLHCHLN KTSLFGEGTYLTSDSLALIYSPHGHGWQHSLGPIILSCVAVCEVIDHPDVKQCQTKKK DSKEIDRRRARIKHSEGGDIPPKYFVVTNNQLLRVKYLLVYSQKPPKSRASSQLSWF SSHWFTVMISLYLLLLLIVSVINSSAFQHFWRRAKRTRTRPLEQKLISEEDLAANDILD

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	YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	PARP16 poly(ADP-ribose) polymerase family member 16 [Homo sapiens (human)]
Official Symbol	PARP16
Synonyms	PARP16; poly (ADP-ribose) polymerase family, member 16; C15orf30, chromosome 15 open reading frame 30; poly [ADP-ribose] polymerase 16; FLJ20509; FLJ25281; pART15; PARP-16; C15orf30;
Gene ID	54956
mRNA Refseq	NM_017851
Protein Refseq	NP_060321
UniProt ID	Q8N5Y8

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SDS-PAGE



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