

Recombinant Mouse Parp16 Protein, Myc/DDK-tagged

Cat. No. Parp16-4678M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length poly (ADP-ribose) polymerase family, member 16 (Parp16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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 or cysteine residues compared to other mono-ADP-ribosyltransferases.
Molecular Mass	36.7 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 Parp16 poly (ADP-ribose) polymerase family, member 16 [Mus musculus (house mouse)]

Official Symbol Parp16

Synonyms PARP16; poly (ADP-ribose) polymerase family, member 16; poly [ADP-ribose] polymerase 16; C79952; PARP-16; BC055447; MGC65335

Gene ID 214424

mRNA Refseq NM_177460

Protein Refseq NP_803411

UniProt ID Q7TMM8

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