

Recombinant Mouse Parp1, His tagged

Cat. No. Parp1-2535M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Parp1 (NP_031441.2) (Met 1-Trp 1014), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met 1-Trp 1014
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly, 0.1mM TCEP
Molecular Mass	The recombinant mouse PARP1 consists of 1033 amino acids and has a calculated molecular mass of 115 kDa. It migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	Parp1 poly (ADP-ribose) polymerase family, member 1 [Mus musculus]
Official Symbol	Parp1
Synonyms	PARP1; poly (ADP-ribose) polymerase family, member 1; poly [ADP-ribose] polymerase 1; msPARP; ADPRT 1; poly[ADP-ribose] synthase 1; poly[ADP-ribose] synthetase 1; NAD(+) ADP-ribosyltransferase 1; ADP-ribosyltransferase (NAD+, poly (ADP-ribose) polymerase) 1; ADP-ribosyltransferase (NAD+, poly (ADP-ribose) polymerase) 1; PARP; PPOL; Adprp; Adprt1; C80510; parp-1; sPARP-1; AI893648; 5830444G22Rik;
Gene ID	11545
mRNA Refseq	NM_007415
Protein Refseq	NP_031441

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