

Product datasheet for **TP504648**

Parp16 (NM_177460) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse poly (ADP-ribose) polymerase family, member 16 (Parp16), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204648 protein sequence Red =Cloning site Green =Tags(s)
	 MQLSNRAAAAREAASRDVLAADLRCSLFASALQSYKRDSVLRPFPPASYPARHDCKDFEALLADTGRLPNLKE LLQSSRDTDKQAWDLVSWILSSKILTIHSAKKAEFEKIQLTGAPHTPVPTPDFLFEIEYFDPANSRFYE TKGERDLIYAFHGSRLNFHSIIHNLHCHLNKTSLFGEGTYLTSDSLALIYSPHGHGWQHSLGPILS CVAVCEVIDHPDVKQCQIKKKDSKEIDRSRARIKHSEGGIIPPKYFVVTNNQLLRVKYLLVYSQKQPKRAS SQLSWLSSHWFVIMMSLYLLLLLIVSVTNSSAFHHFWNRVKR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_803411
Locus ID:	214424
UniProt ID:	Q7TMM8



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RefSeq Size: 2483

Cytogenetics: 9 C

RefSeq ORF: 969

Synonyms: ARTD15; BC055447; C79952; PARP-16

Summary: 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.[UniProtKB/Swiss-Prot Function]