

Product Data Sheet

Recombinant Human PARP1 Protein

Catalog #	Source	Reactivity	Applications
CST2348	E. coli	H	
Description	Recombinant Human PARP1 Protein is produced by E. coli expression system and the target gene encoding Gly61-Pro370 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	PARP1		
Alternative Names	ADPRT; PPOL; Poly [ADP-ribose] polymerase 1; PARP-1; ADP-ribosyltransferase diphtheria toxin-like 1; ARTD1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1		
Entrez Gene	142		
SwissProt	P09874		
Purity			
Chemical Structure	GHSIRHPDVE VDGFSLELRWD DQQKVKKTA E AGGVTGKGQD GIGSKAEKTL GDFAAEYAKS NRSTCKGCME KIEKGQVRLS KKMVDPEKPQ LGMIDRWYHP GCFVKNREEL GFRPEYSASQ LKGFSLLATE DKEALKKQLP GVKSEGKRKG DEV DGVDEVA KKKSKKEKDK DSKLEKALKA QNDLIWN IKD ELKKVCSTND LKELLIFNKQ QVPSGESAIL DRVADGMVFG AL		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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