ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Poly (ADP-Ribose) Polymerase 1 Human Recombinant

Item Number	rAP-1591
Synonyms	ADPRT, ADPRT1, pADPRT, pADPRT-1, PARP, PARP-1, PPOL, Poly [ADP-ribose] polymerase 1, NAD(+) ADP-ribosyltransferase 1, Poly[ADP-ribose] synthase 1, PARP1.
Description	PARP1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 354 amino acids (662-1014a.a.) and having a molecular mass of 39.6 kDa. PARP1 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P09874
Amino Acid Sequence	MKSKLPKPVQ DLIKMIFDVE SMKKAMVEYE IDLQKMPLGK LSKRQIQAAY SILSEVQQAV SQGSSDSQIL DLSNRFYTLI PHDFGMKKPP LLNNADSVQA KAEMLDNLLD IEVAYSLLRG GSDDSSKDPI DVNYEKLKTD IKVVDRDSEE AEIIRKYVKN THATTHNAYD LEVIDIFKIE REGECQRYKP FKQLHNRRLL WHGSRTTNFA GILSQGLRIA PPEAPVTGYM FGKGIYFADM VSKSANYCHT SQGDPIGLIL LGEVALGN-MY ELKHASHISK LPKGKHSVKG LGKTTPDPSA NISLDGVDVP LGTGISSGVN DTSLLYNEYI VYDI-AQVNLK YLLKLKFNFK TSLW.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	PARP1 solution containing 20mM Tris pH-8, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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