

Recombinant Human Poly (ADP-ribose) Polymerase 1, GST-tagged

Cat. No. PARP1-430H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP1, full length with N-terminal GST tag expressed in aBaculovirusinfected Sf9 cell expression system. MW = 140kDa.
Species	Human
Source	Sf9 Cells
Description	Poly [ADP-ribose] polymerase 1 is an enzyme that in humans is encoded by the PARP1 gene.
Purity	>80%.
Application	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Formulated In	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol, and 3 mM DTT.
Stability	>6 months at –80°C.
Full Length	Full L.

GENE INFORMATION

Gene Name	PARP1 poly (ADP-ribose) polymerase 1 [Homo sapiens]
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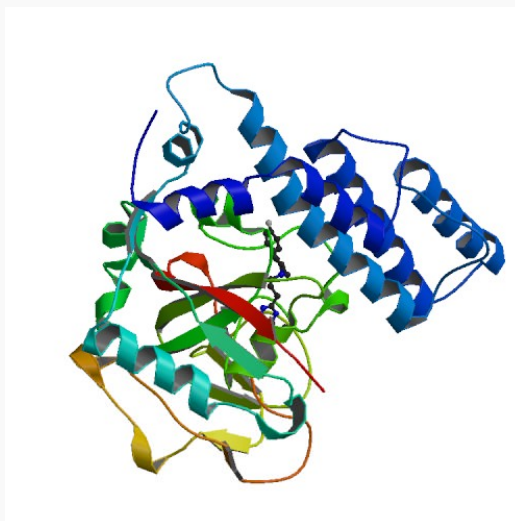
Synonyms	PARP1; poly (ADP-ribose) polymerase 1; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase); ADP-ribosyltransferase NAD(+); poly (ADP-ribose) polymerase family, member 1; poly(ADP-ribose) polymerase; poly(ADP-ribose) synthetase; poly(ADP-ribosyl)transferase; PARP; PPOL; ADPRT; ADPRT1; PARP-1; pADPRT-1; EC 2.4.2.30
Gene ID	142
mRNA Refseq	NM_001618
Protein Refseq	NP_001609
MIM	173870
UniProt ID	P09874
Chromosome Location	1q41-q42
Pathway	Base excision repair
Function	DNA binding; NAD or NADH binding; NAD+ ADP-ribosyltransferase activity; identical protein binding; protein N-terminus binding; transcription factor binding; transferase activity, transferring glycosyl groups; zinc ion binding

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