Recombinant Human Poly (ADP-ribose) Polymerase 3, GST-tagged

Cat. No. PARP3-434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP3, full length with N-terminal GST tag expressed in a*Baculovirus*infected Sf9 cell expression system. MW = 87kDa.
Species	Human
Source	Sf9 Cells
Description	Poly (ADP-ribose) polymerase (PARP) is a protein involved in a number of cellular processes involving mainly DNA repair and programmed cell death.
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	PARP3 poly (ADP-ribose) polymerase family, member 3 [Homo sapiens]

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Synonyms	PARP3; poly (ADP-ribose) polymerase 3; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 2; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 3; NAD+ ADP-ribosyltransferase 3; poly(ADP-ribose) synthetase-3; IRT1; ADPRT3; ADPRTL2; ADPRTL3; PADPRT-3; EC 2.4.2.30
Gene ID	10039
mRNA Refseq	NM_001003931
Protein Refseq	NP_001003931
MIM	607726
UniProt ID	Q9Y6F1
Chromosome Location	3p21.31-p21.1
Pathway	Base excision repair
Function	NAD+ ADP-ribosyltransferase activity; identical protein binding; protein N-terminus binding; transcription factor binding; transferase activity, transferring glycosyl groups

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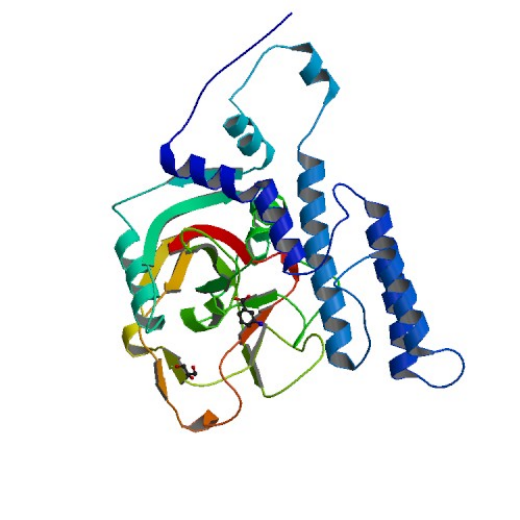
PDB rendering based on 2pa9.	

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