Recombinant Human Poly (ADP-ribose) Polymerase 2, GST-tagged

Cat. No. PARP2-433H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP2, amino-acids 2-583 with N-terminal GST tag expressed in a*Baculovirus*infected Sf9 cell expression system. MW = 92kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	2-583 a.a.
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.

GENE INFORMATION

Gene Name	PARP2 poly (ADP-ribose) polymerase 2 [Homo sapiens]

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Synonyms	PARP2; poly (ADP-ribose) polymerase 2; ADP-ribosyltransferase (NAD+; poly(ADP-ribose) polymerase)-like 2; poly (ADP-ribose) polymerase family, member 2; poly (ADP-ribosyl) transferase-like 2; poly(ADP-ribose) synthetase; EC 2.4.2.30; ADPRT2; PARP-2; ADPRTL2; ADPRTL3; pADPRT-2
Gene ID	10038
mRNA Refseq	NM_001042618
Protein Refseq	NP_001036083
MIM	607725
UniProt ID	Q9UGN5
Chromosome Location	14q11.2-q12
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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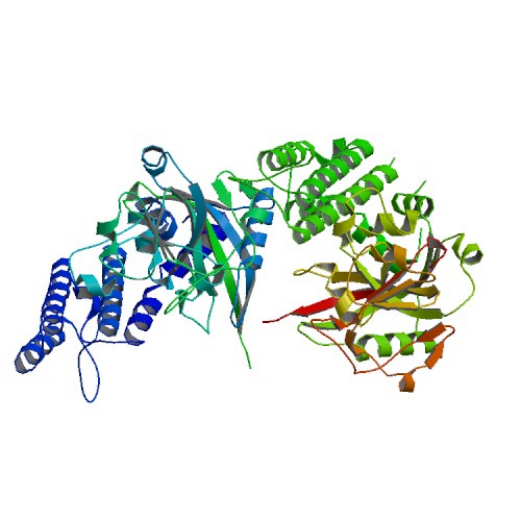
PDB rendering based on 1gs0.



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