

Recombinant Human PARP4, His-tagged

Cat. No. PARP4-2162H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP4 was produced in <i>E. coli</i> . Catalytic domain of human minor vault p193 protein (aa 220-574) is fused at the C-terminus to a His-tag.
Species	Human
Source	E.coli
Protein Length	220-574 a.a.
Description	PARP4 encodes poly(ADP-ribosyl)transferase-like 1 protein, which is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. Since this protein is not capable of binding DNA directly, its transferase activity may be activated by other factors such as protein-protein interaction mediated by the extensive carboxyl terminus.
Purity	≥98%.
Formulation	Liquid. In PBS containing 50% glycerol.
Concentration	0.2mg/ml.
Storage	Store at -20°C.

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GENE INFORMATION

Gene Name	PARP4 poly (ADP-ribose) polymerase family, member 4 [Homo sapiens]
Synonyms	PARP4; poly (ADP-ribose) polymerase family, member 4; PH5P; p193; PARPL; VPARP; VWA5C; PARP-4; VAULT3; ADPRTL1; poly [ADP-ribose] polymerase 4; PARP-related; H5 proline-rich; I-alpha-I-related; 193 kDa vault protein; vault protein, 193-kDa; poly(ADP-ribose) synthetase; vault poly(ADP-ribose) polymerase; poly(ADP-ribosyl)transferase-like 1; PARP-related/IalphaI-related H5/proline-rich; von Willebrand factor A domain containing 5C; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 1; EC 2.4.2.30; KIAA0177
Gene ID	143
mRNA Refseq	NM_006437
Protein Refseq	NP_006428
MIM	607519
UniProt ID	Q9UKK3
Chromosome Location	13q11
Pathway	Base excision repair
Function	DNA binding; NAD+ ADP-ribosyltransferase activity; enzyme binding; protein binding; transferase activity, transferring glycosyl groups

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