

Recombinant Human PARP4 protein(607-1046aa), His-tagged

Cat. No. PARP4-1291H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP4 protein(Q9UKK3)(607-1046aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	607-1046aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	55.0 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

SSTKAGLQDASGNLVPLEDVHIKGRIIDTVAQVIVFQTYTNKSHVPIEAKYIFPLDDKA
 AVCGFEAFINGKHVGEIKEKEEAQQEYLEAVTQGHGAYLMSQDAPDVFTVSVGNLP
 PKAKVLIKITYITELSILGTVGVFFMPATVAPWQQDKALNENLQDTVEKICIKEIGTKQS
 FSLTMSIEMPYVIEFIFSDTHELKQKRTDCKAVISTMEGSSLDSSGFSLHIGLSAAYLP
 RMWVEKHPEKESEACMLVFQPDLDVDLPDLASESEVIICLDCSSSMEGVTFLQAKQI
 ALHALSLVGEKQKVNIIQFGTGYKELFSYPKHITSNTMAAEFIMSATPTMGNTDFWKT
 LRYLSLLYPARGSRNILLVSDGHLQDESLTLQLVKRSRPHTRLFACGIGSTANRHVLR
 ILSQCGAGVFEYFNAKSKHSWRKQIEDQMTRL

GENE INFORMATION

Gene Name [PARP4 poly \(ADP-ribose\) polymerase family, member 4 \[Homo sapiens \]](#)

Official Symbol [PARP4](#)

Synonyms

PARP4; poly (ADP-ribose) polymerase family, member 4; ADP ribosyltransferase (NAD⁺; poly (ADP ribose) polymerase) like 1 , ADPRTL1; poly [ADP-ribose] polymerase 4; p193; VAULT3; von Willebrand factor A domain containing 5C; VPARP; VWA5C; 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; ADP-ribosyltransferase (NAD⁺; poly (ADP-ribose) polymerase)-like 1; PH5P; PARPL; PARP-4; ADPRTL1;

Gene ID [143](#)

mRNA Refseq [NM_006437](#)

Protein Refseq [NP_006428](#)

MIM [607519](#)

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UniProt ID	Q9UKK3
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SDS-PAGE

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