

PARP-3 recombinant protein

Recombinant PARP-3 protein

CATALOG # AAA60410	HOST E coli
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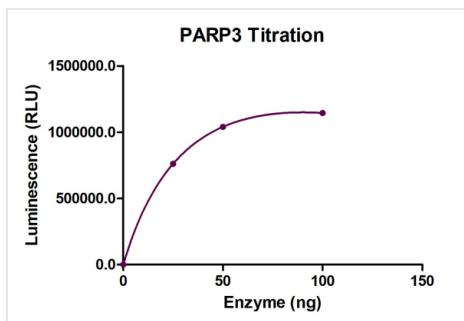
PRODUCT SYNONYMS

PARP-3; Recombinant PARP-3 protein; Protein mono ADP ribosyltransferase PARP3; ADPRT3; ARTD3; IRT1; PARP-3 recombinant protein

PRODUCT SPECIFICATIONS

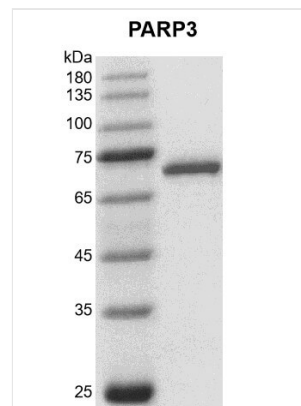
Host	E coli
Form/Format	Recombinant PARP3 protein is supplied in 25 mM HEPES pH 7.5, 300 mM NaCl, 20% glycerol, 0.04% Triton X-100, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant PARP3 protein was expressed in a baculovirus expression system as the full-length protein (accession number NP_005476.4) with an N-terminal His and DYKDDDDK tag. The molecular weight of the protein is 64.6kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



ELISA

ELISA for PARP3 activity NAD-Biotin and Activated DNA were added into ELISA plate (coated with histone H2A and H2B mixture) with PARP3 in ADPR Buffer and incubated for 1 hour at room temperature. Following Streptavidin-HRP and ECL incubation, the plate was read in a luminometer or microtiter-plate reader.



SDS-PAGE

Recombinant PARP3 protein gel 10% SDS-PAGE Coomassie staining MW: 64.6kDa Purity: >95%

ADDITIONAL INFORMATION

Related Product Information for PARP-3 recombinant protein	PARP3 (Protein mono-ADP-ribosyltransferase PARP3), also known as ADPRT3, ADPRTL2, ADPRTL3, ARTD3, IRT1 and PADPRT-3. PARP3 is a Mono-ADP-ribosyltransferase that mediates mono-ADP ribosylation of target proteins and plays a key role in the response to DNA damage. Mediates mono-ADP-ribosylation of glutamate, aspartate or lysine residues on target proteins. Involved in DNA repair by mediating mono-ADP-ribosylation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism, such as histone H2B, XRCC5 and XRCC6. Involved in single-strand break repair by catalyzing mono-ADP-ribosylation of histone H2B on 'Glu-2' (H2BE2ADPr) of nucleosomes containing nicked DNA.
Product Categories/Family for PARP-3 recombinant protein	DNA Damage ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	64.6kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/parp-3-recombinant-protein-e-coli/60410>