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Recombinant Human PARP1 Protein

Catalog No.: RP02980LQ Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	142	P09874

Tags
N-6His

Synonyms
PARP; PARS; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-1; Poly-PARP

Product Information

Source	Purification
Baculovirus-Infected Sf9 Cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
115.1 kD	120-140 kDa

Endotoxin
Please contact us for more information.

Formulation
Supplied as a 0.22 μm filtered solution in 20mM Hepes, 300mM NaCl, 1mM DTT, pH7.0

Reconstitution

Background

Basic Information

Description
Recombinant human PARP1 protein with N-terminal 6x his tag +TEV cleavage site was purified by Ni-NTA affinity and followed by SEC chromatography. The PARP1 protein showed high activity in ELISA assay

Bio-Activity
PARP1 activity test using ELISA method.

Storage
Store at -70℃. This product is stable at ≤ -70℃ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.
Avoid repeated freeze/thaw cycles.

Contact

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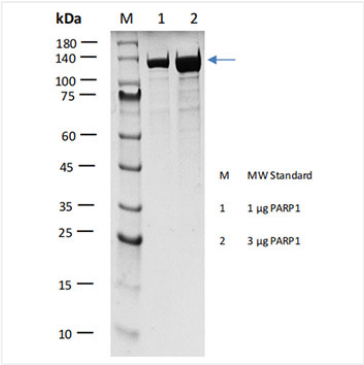
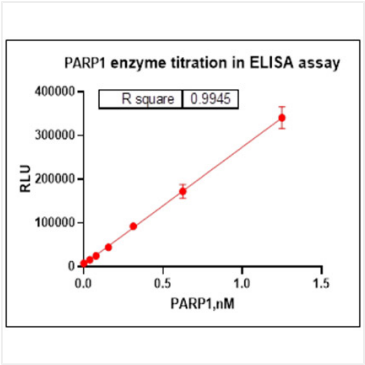
Validation Data



Recombinant Human PARP1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The PARP1 activity was assayed with ELISA. The reaction was performed by:(1)Histone protein was coated on a 96-well plate. (2)A biotinylated NAD+ mix is incubated with varying different concentration of the PARP1 enzyme and an activated DNA. (3)The plate was treated with streptavidin-HRP followed by addition of the ELISA ECL substrate to produce chemiluminescence. Finally, measured the signal using a chemiluminescence reader.