

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% by SDS-PAGE

Calculated MW	Observed MW
115.1 kD	120-140 kDa

Endotoxin

Formulation

Supplied as a 0.22 μ m 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°C. This product is stable at \leq -70°C 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.

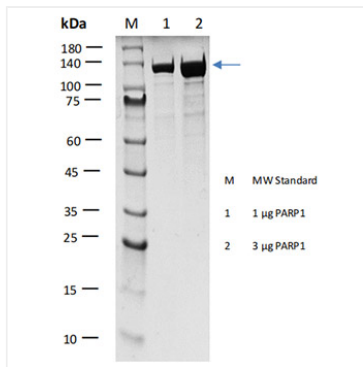
Contact

 | 400-999-6126

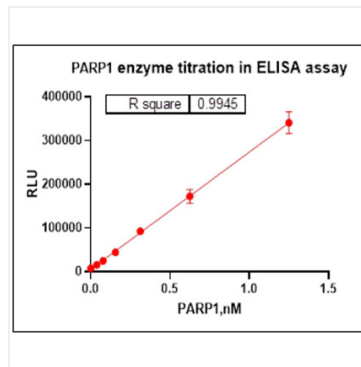
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Validation Data



Recombinant Human PARP1 Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 115.1 kDa.



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.