

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	d ≥ 95 % as
Sf9 Cells	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.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

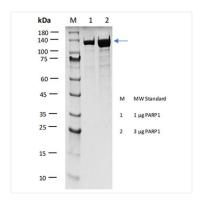
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

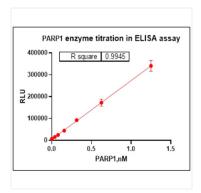
Contact

a	400-999-6126
\bowtie	cn.market@abclonal.com.cn
$\overline{m{\Theta}}$	www.abclonal.com.cn

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.