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Recombinant Human PARP2 Protein

Catalog No.: RP02981LQ Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10038	Q9UGN5

Tags
N-GST

Synonyms
ARTD2; ADPRT2; PARP-2; ADPRTL2; ADPRTL3; pADPRT-2

Product Information

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

Calculated MW	Observed MW
92.4 kDa	90-100 kDa

Endotoxin
Please contact us for more information.

Formulation
Supplied as a 0.22 μm filtered solution in 20mM Tris, 150mM NaCl, 1mM DTT, 10% glycerol, pH7.4

Reconstitution

Background

Basic Information

Description
Recombinant human PARP2 protein with N-terminal GST tag was purified by Ni-NTA affinity and followed by SEC chromatography. The PARP2 protein showed high activity in ELISA assay.

Bio-Activity
PARP2 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℃. 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.
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Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126

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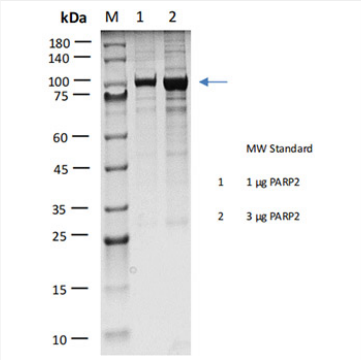
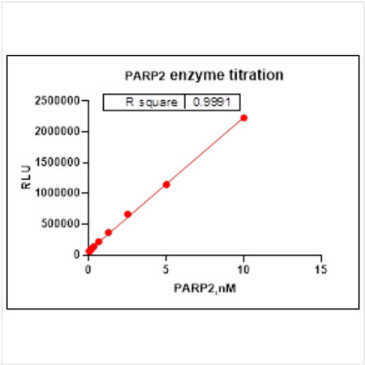
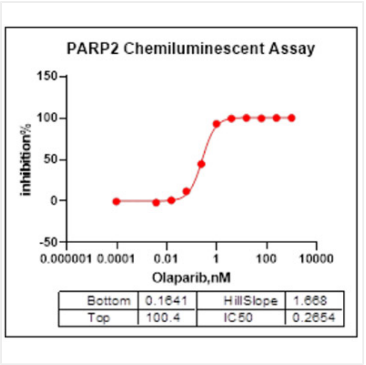
Validation Data



Recombinant Human PARP2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The PARP2 activity was assayed with ELISA technology. 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 PARP2 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



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