

PARG recombinant protein

Recombinant PARG protein

CATALOG # AAA60402	HOST Baculovirus
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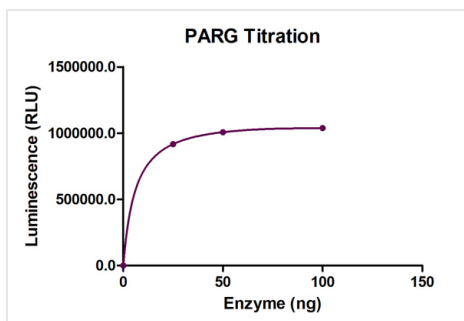
PRODUCT SYNONYMS

PARG; Recombinant PARG protein; Poly(ADP-ribose) glycohydrolase; Mitochondrial Poly(ADP-Ribose) Glycohydrolase; PARG recombinant protein

PRODUCT SPECIFICATIONS

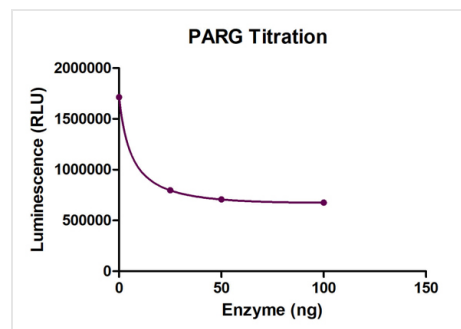
Host	Baculovirus
Purity/Purification	>=75% by SDS-PAGE.
Form/Format	Recombinant PARG protein is supplied in 25 mM HEPES pH 7.5, 300 mM NaCl, 20% glycerol, 0.04% Triton X-100, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant PARG protein that includes full length of human PARG protein (accession number NP_003622.2) was expressed in Sf9 cells and contains an C-terminal His and DYKDDDDK tag with a molecular weight of 113.63kDa.
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



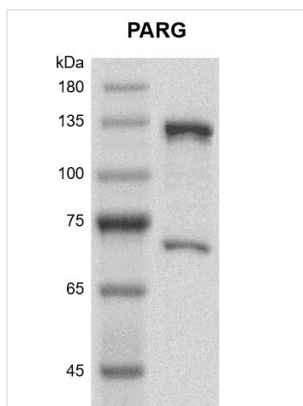
ELISA

ELISA for PARG activity 25uM NAD-Biotin and Activated DNA were added into ELISA plate (coated with histone H2A and H2B mixture) with PARP1 in ADPR Buffer and incubated for 1 hour at room temperature. After washing, different concentrations of PARG were added into each well and incubated in reaction buffer for 1 hour at room temperature. Following Streptavidin-HRP and ECL incubation, the plate was read in a luminometer or microtiter-plate reader.



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SDS-PAGE

Recombinant PARG protein gel. PARG protein was run on a 10% SDS-PAGE gel and stained with Coomassie Blue. MW: 113.63kDa Purity: >75%

ADDITIONAL INFORMATION

Related Product Information for PARG recombinant protein	PARG (Poly (ADP-ribose) glycohydrolase) catalyzes the hydrolysis of glycosidic bonds of ADP-ribose polymers, producing monomeric ADP-ribose units. Thus, in conjunction with poly(ADP-ribose) polymerase (PARP), PARG activity regulates the extent of in vivo poly(ADP-ribosyl)ation. PARG acts both as an endo- and exoglycosidase, releasing poly (ADP-ribose) of different lengths as well as ADP-ribose monomers. Involved in the synthesis of ATP in the nucleus, together with PARP1, NMNAT1 and NUDT5.
Product Categories/Family for PARG recombinant protein	DNA Damage ; Poly ADP-ribosylation ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	113.63kDa
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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://www.aaabiotech.com/parg-recombinant-protein-baculovirus/60402>