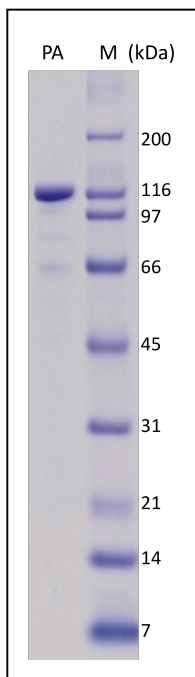


Recombinant Human Poly (ADP-ribose) Polymerase I

Catalog Number	Size
AG327-10	10µg
AG327-25	25µg
AG327-B	Bulk

Specifications and Use

Description



Recombinant human poly (ADP-ribose) polymerase I (PARP1) was expressed in Sf9 cells and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 1028 (1014+14) amino acids with a 6His tag at the C-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 120kDa.

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MHHHHHHGRRASVLEAESDDKLYRVEYAKSGRASCCKCSESIPKDSLRLMA
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DKPLSNMKILTLGKLSRNKDEVKAMIEKLGKLTGTANKASLCISTKKEV
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NEYIVYDIAQVNLKYLKLFNFKTSLW
  
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Accession Number NM_001618

Source Sf9

Molecular Mass Approximately 120kDa.

Purity ≥90%, as determined by SDS-PAGE.

Biological Activity Human PARP1 is a chromatin-associated protein involved in the regulation of various cellular processes including differentiation, proliferation and tumor transformation by modifying various nuclear proteins.

Formulation 20mM Tris-Cl, pH7.9, 20% glycerol, 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity.

Special Notes **FOR RESEARCH USE ONLY**