

PARP Protein, Mouse (sf9, His)

Cat. No.:	HY-P73337
Synonyms:	ADPRT 1; ADPRT; PARP apoptosis; PARP; PPOL
Species:	Mouse
Source:	Sf9 insect cells
Accession:	Q921K2 (M1-W1014)
Gene ID:	11545
Molecular Weight:	Approximately 75 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20 mM Tris, 500 mM NaCl, pH 8.0, 10% Glycerol, 0.1 mM TCEP. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	PARP protein, a poly-ADP-ribosyltransferase, is responsible for catalyzing the poly-ADP-ribosylation of proteins and serves as a critical player in DNA repair mechanisms. Specifically, this protein binds irreversibly to DNA breaks, hindering the process of DNA repair and ultimately leading to DNA damage-induced apoptosis.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA