

## NAD<sup>+</sup> ADP-ribosyltransferase

Cat. No. EXWM-2658

Lot. No. (See product label)

### Introduction

**Description** The ADP-D-ribosyl group of NAD<sup>+</sup> is transferred to an acceptor carboxy group on a histone or the enzyme itself, and further ADP-ribosyl groups are transferred to the 2'-position of the terminal adenosine moiety, building up a polymer with an average chain length of 20-30 units.

**Synonyms** poly(ADP-ribose) synthase; ADP-ribosyltransferase (polymerizing); NAD ADP-ribosyltransferase; PARP; PARP-1; NAD<sup>+</sup>:poly(adenine-diphosphate-D-ribosyl)-acceptor ADP-D-ribosyl-transferase (incorrect); NAD<sup>+</sup>:poly(adenosine-diphosphate-D-ribosyl)-acceptor ADP-D-ribosyl-transferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.2.30

**CAS No.** 58319-92-9

**Reaction** NAD<sup>+</sup> + (ADP-D-ribosyl)<sub>n</sub>-acceptor = nicotinamide + (ADP-D-ribosyl)<sub>n+1</sub>-acceptor + H<sup>+</sup>

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.