# Poly [ADP-ribose] polymerase 2-A (PARP2-A), Recombinant Protein



Cat RP13699

## **Species**

Oryza sativa subsp. japonica (Rice)

## **Full Product Name**

Recombinant Oryza sativa subsp. japonica Poly [ADP-ribose] polymerase 2-A (PARP2-A), partial

#### **Product Gene Name**

PARP2-A recombinant protein

# **Product Synonym Gene Name**

PARP2-A

## **Purity**

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

#### **Format**

Lyophilized or liquid (Format to be determined during the manufacturing process)

#### Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## **Molecular Weight**

74,297 Da

# **Storage**

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

# **Protein Family**

Poly [ADP-ribose] polymerase

### **NCBI Accession #**

Q5Z8Q9.2

#### NCBI GI#

118573124

#### NCBI GenelD

4326479

#### **NCBI Official Full Name**

Poly

# **NCBI Official Symbol**

LOC4326479

# **NCBI Official Synonym Symbols**

PARP2-A; PARP-2-A; ADPRT-2-A

#### **NCBI Protein Information**

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967 Tel: 1-631-637-0420

# Poly [ADP-ribose] polymerase 2-A (PARP2-A), Recombinant Protein



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poly [ADP-ribose] polymerase 2-A

#### **UniProt Gene Name**

PARP2-A

## **UniProt Synonym Gene Names**

PARP-2-A: ADPRT-2-A

#### **UniProt Protein Name**

Poly [ADP-ribose] polymerase 2-A

# **UniProt Synonym Protein Names**

NAD(+) ADP-ribosyltransferase 2-A; ADPRT-2-A; Poly[ADP-ribose] synthase 2-A

# **UniProt Primary Accession #**

Q5Z8Q9

## **UniProt Secondary Accession #**

Q0JMY0

#### **UniProt Related Accession #**

Q5Z8Q9

#### **UniProt Comments**

Involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks.

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