

Poly [ADP-ribose] polymerase 3 (PARP3), Recombinant Protein

Cat RP12816

Species

Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Poly [ADP-ribose] polymerase 3 (PARP3), partial

Product Gene Name

PARP3 recombinant protein

Product Synonym Gene Name

PARP3

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

92,404 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

XP_015623193.1

NCBI GI

1002237980

NCBI GenBank Nucleotide

XM_015767707.1

NCBI GeneID

4329546

NCBI Official Full Name

poly

NCBI Official Symbol

LOC4329546

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Poly [ADP-ribose] polymerase 3 (PARP3), Recombinant Protein

Cat *RP12816*

PARP3; PARP-3; ADPRT-3

NCBI Protein Information

poly [ADP-ribose] polymerase 3

UniProt Gene Name

PARP3

UniProt Synonym Gene Names

PARP-3; ADPRT-3

UniProt Protein Name

Poly [ADP-ribose] polymerase 3

UniProt Synonym Protein Names

NAD(+) ADP-ribosyltransferase 3; ADPRT-3; Poly[ADP-ribose] synthase 3

UniProt Primary Accession

Q0E0Q3

UniProt Secondary Accession

Q6H750; B7ETH1

UniProt Related Accession

Q0E0Q3

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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