

# Probable inactive poly [ADP-ribose] polymerase SRO3 (SRO3), Recombinant Protein

Cat RP01196

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Probable inactive poly [ADP-ribose] polymerase SRO3 (SRO3)

## Product Gene Name

SRO3 recombinant protein

## Purity

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

## Sequence

MAAQVEIEDQ ESVTNLDNGE IINPISDNAP NFSGDATILL REATFEHNLI KNCFLSGMGS FATETTIVTV  
RKILTQRLIT TKAKFAVFKL FTEAMKRKNN GYANIRYGWY SGSKEEIDRV ITYGFSNREI KKVENDVGSH  
GVGIHLVHHR YSLAAALVGE GDEEGIKNIL LCRVILGKPE QIVTGSKQSY PSSNQFDSGV DNLENPRKYV  
IWSCNMNSYI LPTYIVSFKS HLLRGLIGRA RSPCVSFSVL MSILSKSLDA ARMNLILTSY DDFRKRKLRR  
EQLVRKIREV VGDNLLFKIL KNQRR

## Sequence Positions

1-305, Full length protein

## Format

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

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

34,501 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

Probable inactive poly [ADP-ribose] polymerase

## NCBI Accession #

NP\_001321500.1

## NCBI GI #

1063696074

## NCBI GenBank Nucleotide #

NM\_001334450.1

## NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

843380 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
**NCBI Official Full Name**  
similar to RCD one 3

## NCBI Official Symbol

SRO3

## NCBI Official Synonym Symbols

F1707.2; F1707\_2; similar to RCD one 3

## NCBI Protein Information

similar to RCD one 3

## NCBI Summary

Encodes a protein with similarity to RCD1 but without the WWE domain. The protein does have a PARP signature upstream of the C-terminal protein interaction domain. The PARP signature may bind NAD<sup>+</sup> and attach the ADP-ribose-moiety from NAD<sup>+</sup> to the target molecule. Its presence suggests a role for the protein in ADP ribosylation.

## UniProt Gene Name

SRO3

## UniProt Synonym Gene Names

CEO4

## UniProt Protein Name

Probable inactive poly [ADP-ribose] polymerase SRO3

## UniProt Synonym Protein Names

Protein SIMILAR TO RCD ONE 3

## UniProt Primary Accession #

O64592

## UniProt Secondary Accession #

Q9CAM0; F4I5F9

## UniProt Related Accession #

O64592

## UniProt Comments

Probable inactive ADP-ribosyltransferase that may be involved in stress and developmental responses.

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