

Probable inactive poly [ADP-ribose] polymerase SRO4 (SRO4), Recombinant Protein

Cat RP01837

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)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Probable inactive poly [ADP-ribose] polymerase SRO4 (SRO4)

Product Gene Name

SRO4 recombinant protein

Product Synonym Gene Name

SRO4

Purity

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

Sequence

MDYSKTEETP INEEQGSTNS SESRSNEELF SDCDQQHSSI ANEFGLTLP KDDKVYELIY RHCQSKLTSH
LSNQFEIVSI LKNGFQTPLG QAKLKAFQIY AESVAKKSGS CCGNKAABAE AARVKYGCCG VEKEELKAIL
MYGFSNNALC LSPDNAPLQC MIDPSSSCNE DGISFLLFSR IIMGKSEVVC STSQSYSSM EFDGVDLSLT
SPNKYIIWST HMNTHVLPEF VVCIKTPSIL KRKNPKSPWI SFPVLINSIS KFLNQSQIRL IHKHYKEHQD
RRISRCELIQ RLRSITGDSL LVQIIKSVGQ KVHKDT

Sequence Positions

1-316, 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

35,420 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_190356.2

NCBI GI

42565698

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GeneID
823926

NCBI Official Full Name

similar to RCD one 4

NCBI Official Symbol

SRO4

NCBI Official Synonym Symbols

similar to RCD one 4; T23J7_50

NCBI Protein Information

similar to RCD one 4

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⁺ and attach the ADP-ribose-moiety from NAD⁺ to the target molecule. Its presence suggests a role for the protein in ADP ribosylation.

UniProt Gene Name

SRO4

UniProt Synonym Gene Names

CEO5

UniProt Protein Name

Probable inactive poly [ADP-ribose] polymerase SRO4

UniProt Synonym Protein Names

Protein SIMILAR TO RCD ONE 4

UniProt Primary Accession

Q9STU1

UniProt Secondary Accession

F4JCP0

UniProt Related Accession

Q9STU1

UniProt Comments

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

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