

# Putative small ubiquitin-related modifier 4 (SUMO4), Recombinant Protein

Cat      *RP05468*

Size      0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

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

## Full Product Name

Recombinant Arabidopsis thaliana Putative small ubiquitin-related modifier 4 (SUMO4)

## Product Gene Name

SUMO4 recombinant protein

## Product Synonym Gene Name

SUMO4

## Purity

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

## Sequence

MSTTSRVGSN EVKMEGQKRK VVSDPTHVT LKVKGQDEEDF RVFWVRRNAK LLKMMELYTK MRGIEWNTFR  
FLFDGSRIRE YHTPDELERK DGDEIDAMLC QQSGFGPSSI KFRV

## Sequence Positions

1-114, 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

13,409 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

Putative small ubiquitin-related modifier

## NCBI Accession #

NP\_001318763.1

## NCBI GI #

1063736966

## NCBI GenBank Nucleotide #

NM\_001344800.1

## NCBI GeneID

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat      *RP05468*

Size      0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

834929 (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

**NCBI Official Full Name**

Ubiquitin-like superfamily protein

## NCBI Official Symbol

AT5G48710

## NCBI Official Synonym Symbols

K24G6.4; K24G6\_4

## NCBI Protein Information

Ubiquitin-like superfamily protein

## UniProt Gene Name

SUMO4

## UniProt Synonym Gene Names

SUM4; AtSUMO4

## UniProt Protein Name

Putative small ubiquitin-related modifier 4

## UniProt Primary Accession #

Q9FKC5

## UniProt Related Accession #

Q9FKC5

## UniProt Comments

Ubiquitin-like protein which can be covalently attached to target lysines as a monomer. Does not seem to be involved in protein degradation and may function as an antagonist of ubiquitin in the degradation process .

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