

# Probable 26S proteasome complex subunit sem1-2 (At5g45010), Recombinant Protein

Cat RP09821

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

(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 Probable 26S proteasome complex subunit sem1-2 (At5g45010)

## Product Gene Name

At5g45010 recombinant protein

## Product Synonym Gene Name

At5g45010

## Purity

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

## Sequence

MAAEPKAAVE VVKVDLFEDD DEFEEFEINE DWLEKEEVKE VSLQWEDDWD DDDVSDDFSR QLKKELENAS EKK

## Sequence Positions

1-73, 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

8,698 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.

## NCBI Accession #

NP\_199314.1

## NCBI GI #

15241644

## NCBI GenBank Nucleotide #

NM\_123869.4

## NCBI GeneID

834532

## NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
**NCBI Official Symbol**  
DSS1(V)

## NCBI Official Synonym Symbols

ATDSS1(V); DSS1 homolog on chromosome V; K21C13.20; K21C13\_20

## NCBI Protein Information

DSS1 homolog on chromosome V

## UniProt Gene Name

DSS1(V)

## UniProt Synonym Gene Names

AtDSS1(V)

## UniProt Protein Name

Protein DSS1 HOMOLOG ON CHROMOSOME V

## UniProt Synonym Protein Names

Probable 26S proteasome complex subunit sem1-2

## UniProt Primary Accession #

Q9FL96

## UniProt Secondary Accession #

Q8LD17

## UniProt Related Accession #

Q9FL96

## UniProt Comments

Subunit of the 26S proteasome which plays a role in ubiquitin-dependent proteolysis . Associates also with the TREX-2 complex that is required for transcription-coupled mRNA export (PubMed:19843313).

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