

# Ubiquitin carboxyl-terminal hydrolase 26 (UBP26), Recombinant Protein

Cat      *RP04819*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Ubiquitin carboxyl-terminal hydrolase 26 (UBP26) , partial

## Product Gene Name

UBP26 recombinant protein

## Product Synonym Gene Name

UBP26

## 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

119,934 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

Ubiquitin carboxyl-terminal hydrolase

## NCBI Accession #

NP\_001325635.1

## NCBI GI #

1063715851

## NCBI GenBank Nucleotide #

NM\_001339429.1

## NCBI GeneID

824122

## NCBI Official Full Name

ubiquitin-specific protease 26

## NCBI Official Symbol

UBP26

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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# Ubiquitin carboxyl-terminal hydrolase 26 (UBP26), Recombinant Protein

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## NCBI Official Synonym Symbols

ATUBP26; SUP32; ubiquitin-specific protease 26

## NCBI Protein Information

ubiquitin-specific protease 26

## NCBI Summary

Encodes a ubiquitin-specific protease which catalyzes deubiquitination of histone H2B and is required for heterochromatin silencing. Loss of function mutations display autonomous endosperm development and embryo arrest. Loss of function also results in an increase in expression of the PcG complex target gene PHE1.

## UniProt Gene Name

UBP26

## UniProt Synonym Gene Names

SUP32; AtUBP26

## UniProt Protein Name

Ubiquitin carboxyl-terminal hydrolase 26

## UniProt Synonym Protein Names

Deubiquitinating enzyme 26; AtUBP26; Ubiquitin thioesterase 26; Ubiquitin-specific-processing protease 26

## UniProt Primary Accession #

Q9SCJ9

## UniProt Secondary Accession #

Q9FPS1

## UniProt Related Accession #

Q9SCJ9

## UniProt Comments

Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. Deubiquitinates H2BK143ub1 of histone H2B.

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