

# Ubiquitin carboxyl-terminal hydrolase 22 (UBP22), Recombinant Protein

Cat      *RP05053*

Size      0.5 mg (*E-Coli*)/ 0.05 mg (*Baculovirus*)/ 0.5 mg (*Yeast*) / 0.05 mg (*Mammalian-Cell*) / 1 mg (*E-Coli*) / 0.1 mg (*Baculovirus*) / 1 mg (*Yeast*) / 0.1 mg (*Mammalian-Cell*)

## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Ubiquitin carboxyl-terminal hydrolase 22 (UBP22) , partial

## Product Gene Name

UBP22 recombinant protein

## Product Synonym Gene Name

UBP22

## 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

63,518 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\_568239.1

## NCBI GI #

18416377

## NCBI GenBank Nucleotide #

NM\_121117.2

## NCBI GeneID

830946

## NCBI Official Full Name

ubiquitin-specific protease 22

## NCBI Official Symbol

UBP22

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI Official Synonym Symbols

T30N20.60; T30N20\_60; ubiquitin-specific protease 22; UBIQUITIN-SPECIFIC PROTEASE 22

## NCBI Protein Information

ubiquitin-specific protease 22

## NCBI Summary

Encodes a ubiquitin-specific protease.

## UniProt Gene Name

UBP22

## UniProt Synonym Gene Names

AtUBP22

## UniProt Protein Name

Ubiquitin carboxyl-terminal hydrolase 22

## UniProt Synonym Protein Names

Deubiquitinating enzyme 22; AtUBP22; Ubiquitin thioesterase 22; Ubiquitin-specific-processing protease 22

## UniProt Primary Accession #

Q9LEW0

## UniProt Secondary Accession #

Q9FPS5

## UniProt Related Accession #

Q9LEW0

## 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 .

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