

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 GenID

830946

NCBI Official Full Name

ubiquitin-specific protease 22

NCBI Official Symbol

UBP22

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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)

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 .

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY