

# AMSH-like ubiquitin thioesterase 3 (AMSH3), Recombinant Protein

Cat      RP05115

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana AMSH-like ubiquitin thioesterase 3 (AMSH3) , partial

## Product Gene Name

AMSH3 recombinant protein

## Product Synonym Gene Name

AMSH3

## 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

57,268 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

AMSH-like ubiquitin thioesterase

## NCBI Accession #

Q5PNU3.2

## NCBI GI #

302595939

## NCBI Official Full Name

AMSH-like ubiquitin thioesterase 3

## UniProt Gene Name

AMSH3

## UniProt Protein Name

AMSH-like ubiquitin thioesterase 3

## UniProt Synonym Protein Names

Deubiquitinating enzyme AMSH3

## UniProt Primary Accession #

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# AMSH-like ubiquitin thioesterase 3 (AMSH3), Recombinant Protein



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Q5PNU3

## UniProt Comments

Zinc metalloprotease that cleaves 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains, but is not implicated in protein degradation by the 26S proteasome, deneddylation, or desumoylation. Required for intracellular trafficking (e.g. trafficking from the Golgi to the vacuole and the vacuolar trafficking of endocytosed cargo), endocytosis and vacuole biogenesis.

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