

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

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Cat *RP05115*

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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