

E3 ubiquitin-protein ligase UPL5 (UPL5), Recombinant Protein

Cat RP01332

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana E3 ubiquitin-protein ligase UPL5 (UPL5) , partial

Product Gene Name

UPL5 recombinant protein

Product Synonym Gene Name

UPL5

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

100,365 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

E3 ubiquitin-protein ligase

NCBI Accession

NP_192994.1

NCBI GI

15235410

NCBI GenBank Nucleotide

NM_117327.3

NCBI GeneID

826870

NCBI Official Full Name

ubiquitin protein ligase 5

NCBI Official Symbol

UPL5

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

E3 ubiquitin-protein ligase UPL5 (UPL5), Recombinant Protein

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T1P17.160; T1P17_160; ubiquitin protein ligase 5

NCBI Protein Information

ubiquitin protein ligase 5

NCBI Summary

Knock-out mutants showed accelerated senescence of leaves.

UniProt Gene Name

UPL5

UniProt Synonym Gene Names

Ubiquitin-protein ligase 5

UniProt Protein Name

E3 ubiquitin-protein ligase UPL5

UniProt Synonym Protein Names

HECT-type E3 ubiquitin transferase UPL5

UniProt Primary Accession

Q9SU29

UniProt Related Accession

Q9SU29

UniProt Comments

E3 ubiquitin protein ligase that regulates leaf senescence through ubiquitination and subsequent degradation of WRKY53.

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