

# Vacuolar protein sorting-associated protein 28 homolog 2 (VPS28-2), Recombinant Protein

Cat RP08449

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

## Species<sup>Cell</sup>

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Vacuolar protein sorting-associated protein 28 homolog 2 (VPS28-2)

## Product Gene Name

VPS28-2 recombinant protein

## Product Synonym Gene Name

VPS28-2

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MMEVKLWNDK REREMYENFA ELFAIKATE KLEKAYIRDL INPSEYESEC QKLIVHFKTL SATLKDTVPN  
IERFADTYKM DCPAALYRLV TSGLPATVEH RATVAASTSN SASIVAECVQ NFITSMDSLK LNMVAVDQVY  
PLLSDSLASL NKLSILPPDF EGKTKMKEWL SRLSKMGAAD ELTEQQSRQL HFDLESSYNS FMAALPKAGN

## Sequence Positions

1-210, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

23,689 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

Vacuolar protein sorting-associated protein

## NCBI Accession #

NP\_001328317.1

## NCBI GI #

1063721076

## NCBI GenBank Nucleotide #

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NM\_001340525.1

## NCBI GeneID

825842

## NCBI Official Full Name

Vacuolar protein sorting-associated protein VPS28 family protein

## NCBI Official Symbol

VPS28-2

## NCBI Official Synonym Symbols

C17L7.5; vacuolar protein sorting-associated protein 28 homolog 1; VPS28-1

## NCBI Protein Information

Vacuolar protein sorting-associated protein VPS28 family protein

## UniProt Gene Name

VPS28-2

## UniProt Protein Name

Vacuolar protein sorting-associated protein 28 homolog 2

## UniProt Primary Accession #

Q9S9T7

## UniProt Secondary Accession #

Q6DBF1

## UniProt Related Accession #

Q9S9T7

## UniProt Comments

Component of the ESCRT-I complex (endosomal sorting complex required for transport I), a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Mediates the association to the ESCRT-0 complex .

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