V-type proton ATPase subunit D (VHA-D), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP05352*

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

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana V-type proton ATPase subunit D (VHA-D)

Product Gene Name
VHA-D recombinant protein

Product Synonym Gene Name
VHA-D

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

Sequence
MAGQNARLNV VPTVTMLGVM KARLVGATRG HALLKKKSDA LTVQFRALLK KIVTAKESMG DMMKTSSFAL TEVKYVAGDN VKHVVLENVK EATLKVRSRT ENIAGVKLPK FDHFSEGETK NDLTGLARGG QQVRACRVAY VKAIEVLVEL ASLQTSFLTL DEAIKTTNRR VNALENVVKP KLENTISYIK GELDELERED FFRLKKIQGY KRREVERQAA NAKEFAEEMV LEDISMQRGI SINAARNFLV GGAEKDSDII F

Sequence Positions
1-261, 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
29,059 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession
NP_191432.1

NCBI GI
15231126

NCBI GenBank Nucleotide
NM_115735.5

NCBI GeneID
825042

NCBI Official Full Name

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

V-type proton ATPase subunit D (VHA-D), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP05352*

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

vacuolar ATP synthase subunit D (VATD) / V-ATPase D subunit / vacuolar proton pump D subunit (VATPD)

NCBI Official Symbol
AT3G58730

NCBI Official Synonym Symbols
VHA-D

NCBI Protein Information
vacuolar ATP synthase subunit D (VATD) / V-ATPase D subunit / vacuolar proton pump D subunit (VATPD)

UniProt Gene Name
VHA-D

UniProt Synonym Gene Names
VATD; VATPD; V-ATPase subunit D

UniProt Protein Name
V-type proton ATPase subunit D

UniProt Synonym Protein Names
Vacuolar H(+)-ATPase subunit D; Vacuolar proton pump subunit D

UniProt Primary Accession
Q9XGM1

UniProt Secondary Accession
Q9LXS8

UniProt Related Accession
Q9XGM1

UniProt Comments
Subunit of the peripheral V1 complex of vacuolar ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system .

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/