



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

Product Code	CSB-EP895433DOA-B
Abbreviation	VHA-D
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9XGM1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MAGQNARLNV VPTVTMLGVM KARLVGATRG HALLKKKSDA LTVQFRALLK KIVTAKESMG DMMKTSSFAL TEVKYVAGDN VKHVLENVK EATLKVRSRT ENIAGVKLPK FDHFSEGETK NDLTGLARGG QQVRACRVAY VKAIEVLVEL ASLQTSFLTL DEAIKTTNRR VNALENVVKP KLENTISYIK GELDELERED FFRLKKIQGY KRREVERQAA NAKEFAEEMV LEDISMQRGI SINAARNFLV GGAEKDSDII F
Source	E.coli
Target Names	VHA-D
Protein Names	Recommended name: V-type proton ATPase subunit D Short name= V-ATPase subunit D Alternative name(s): Vacuolar H(+)-ATPase subunit D Vacuolar proton pump subunit D
Expression Region	1-261
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.