



Recombinant Arabidopsis thaliana V-type proton ATPase subunit d2 (VHA-D2)

Product Code	CSB-MP885343DOA
Abbreviation	VHA-D2
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.	Q9LHA4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MYGFEALTFN IHGGYLEAIV RGHRAGLLTT ADYNNLCQCE NLDDIKMHLS ATKYGPYLQN EPSPLHTTTI VEKCTLKLVD DYKHMLCQAT EPMSTFLEYI RYGHMIDNVV LIVTGT LHER DVQELIEKCH PLGMFDSIAT LAVAQNMREL YRLVLVDTPL APYFSECLTS EDLDDMNIEI MRNTLYKAYL EDFYNFCQKL GGATAEIMSD LLAFEADRRRA VNITINSIGT ELTREDRKKL YSNFGLLYPY GHEELAICED IDQVRGVMEK YPPYQAIFSK MSYGESQMLD KAFYEEEVRR LCLAFEQQFH YAVFFAYMRL REQEIRNLMW ISECVAQNQK SRIHDSVVYM F
Source	Mammalian cell
Target Names	VHA-d2
Protein Names	Recommended name: V-type proton ATPase subunit d2 Short name= V-ATPase subunit d2 Alternative name(s): Vacuolar H(+)-ATPase subunit d isoform 2 Vacuolar proton pump subunit d2
Expression Region	1-351
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.