



# Recombinant Arabidopsis thaliana Fe (3+)-Zn (2+) purple acid phosphatase 12 (PAP12)

<b>Product Code</b>	CSB-EP658519DOA
<b>Abbreviation</b>	PAP12
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q38924
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GF TSEYVRGSDL PDDMPLDSDV FEVPPGPNSP QQVHVTQGNH EGNGVIISWV TPVKPGSKTV QYWCENEKSR KQAEATVNTY RFFNYTSGYI HHCLIDDLEF DTKYYEIGS GKWSRRFWFF IPPKSGPDVP YTFGLIGDLG QTYDSNSTLS HYEMNPGKGQ AVLFVGDLSY ADRYPNHDNN RWDTWGRFVE RSVAYQPWIW TAGNHEIDFV PDIGEIEPFK PFMNRYHTPH KASGSISPLW YSIKRASAYI IVMSCYSSYG IYTPQYKWLE KELQGVNRT TPWLIVLVHS PFYSSYVHHY MEGETLRVMY EQWFKYKVD VVFAGHVHAY ERSERVSNA YNIVNGLCEP ISDESAPIYI TIGDGGNSEG LLTDMMQPQP KYSAFREASF GHGELLEIKNR THAYFSWNRN QDGNVAADS VWLLNRFWRA QKKTWLD AF
<b>Source</b>	E.coli
<b>Target Names</b>	PAP12
<b>Protein Names</b>	Recommended name: Fe(3+)-Zn(2+) purple acid phosphatase 12 Short name= PAP EC= 3.1.3.2 Alternative name(s): Iron(III)-zinc(II) purple acid phosphatase 12
<b>Expression Region</b>	29-469
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.