



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

Product Code	CSB-EP658519DOA-B
Abbreviation	PAP12
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.	Q38924
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	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 GHGILLEIKNR THAYFSWNRN QDGNVAADS VWLLNRFWRA QKKTWLD AF
Source	E.coli
Target Names	PAP12
Protein Names	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
Expression Region	29-469
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 of Mature 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.



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