



Recombinant Arabidopsis thaliana LL-diaminopimelate aminotransferase, chloroplastic (DAP)

Product Code	CSB-YP856684DOA
Abbreviation	DAP
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.	Q93ZN9
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	AKRV NTCKCVATPQ EKIEYKTKVS RNSNMSKLQA GYLFPEIARR RSAHLLKYPD AQVISLGIGD TTEPIPEVIT SAMAKKAHEL STIEGYSGYG AEQGAKPLRA AIAKTFYGGG GIGDDDFVVS DGA KC DISRL QVMFGSNVTI AVQDPSYPAY VDSSVIMGQT GQFNTDVQKY GNIEYMRCTP ENGFFPD LST VGRTDIIFFC SPNNPTGAAA TREQLTQLVE FAKKNGSIIV YDSAYAMYMS DDNPRSIFEI PGAEVAMET ASFSKYAGFT GVRLGWTVIP KKLLYSDGFP VAKDFNRIIC TCFNGASNIS QAGALACLTP EGLEAMHKVI GFYKENTNII IDTFTSLGYD VYGGKNAPYV WVHFPNQSSW DVFAEILEKT HVVTTTPGSGF GPGGEGFVRV SAFGHRENIL EACRRFKQLY K
Source	Yeast
Target Names	DAP
Protein Names	Recommended name: LL-diaminopimelate aminotransferase, chloroplastic Short name= AtDAP-AT Short name= DAP-AT Short name= DAP-aminotransferase Short name= LL-DAP-aminotransferase EC= 2.6.1.83 Alternative name(s):
Expression Region	37-461
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.

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.