



Recombinant Arabidopsis thaliana Bifunctional aspartate aminotransferase and glutamate/aspartate-prephenate aminotransferase (PAT)

Product Code	CSB-EP871074DOA-B
Abbreviation	PAT
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.	Q9SIE1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AMAKPND AETLSSSVDM SLSPRVQSLK PSKTMVITDL AATLVQSGVP VIRLAAGEPD FDTPKVVAEA GINAIREGFT RYTLNAGITE LREAICRKLK EENGLSYAPD QILVSNQAKQ SLLQAVLAVC SPGDEVIIPA PYWVSYTEQA RLADATPVVI PTKISNNFLL DPKDLESKLT EKSRLILCS PSNPTGSVYP KSLLEEIARI IAKHPRLVL SDEIYEHIIY APATHTSFAS LPDMYERTLT VNGFSKAFAM TGWRLGYLAG PKHIVAACSK LQGQVSSGAS SIAQKAGVAA LGLGKAGGET VAEMVKAYRE RRDFLVKSLG DIKGVKISEP QGAFYLFIDF SAYYGSEAEG FGLINDSSSL ALYFLDKFQV AMVPGDAFGD DSCIRISYAT SLDVLQAAVE KIRKALEPLR ATVSV
Source	E.coli
Target Names	PAT
Protein Names	Recommended name: Bifunctional aspartate aminotransferase and glutamate/aspartate-prephenate aminotransferase Short name= AtAAT EC= 2.6.1.1 EC= 2.6.1.78 EC= 2.6.1.79 Alternative name(s): Protein MATERNAL EFFECT EMBRYO A
Expression Region	54-475
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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