



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

<b>Product Code</b>	CSB-YP871074DOA
<b>Abbreviation</b>	PAT
<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>	Q9SIE1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Yeast
<b>Target Names</b>	PAT
<b>Protein Names</b>	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
<b>Expression Region</b>	54-475
<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.

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**Shelf Life**

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