



# Recombinant Arabidopsis thaliana Agmatine deiminase (AIH)

<b>Product Code</b>	CSB-EP812748DOA-B
<b>Abbreviation</b>	AIH
<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>	Q8GWW7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEESRESPAE HGYMPAEWD SHAQTWIGWP ERQDNWRHNA LPAQRVFADV AKAIKFEVPV TVCASPAQWE NARKQLPEDI RRVEMSMNDS WFRDSGPTFI VRKRPVKLSS LNRNIAGIDW NFNAWGGAND GCYNDWSHDL LVS RKILALE RIPRFQHSMI LEGGSIHVDG EGTCLVTEEC LLNKNRNP SKEQIEEELK KYLGVQSFIV LPRGLYGDED TNGHIDNMCC FARPGVVLLS WTDDETDPQY ERSVEALSVL SNSIDARGRK IQVIKLYIPE PLYMTEEESS GITQDGEAIP RLAGTRLAAS YVNFYIANGG IIPQFGDPI RDKEAIRVLS DTFPHHSVVG IENAREIVLA GGNIHCITQQ QPAEPTVAE NGH
<b>Source</b>	E.coli
<b>Target Names</b>	AIH
<b>Protein Names</b>	Recommended name: Agmatine deiminase EC= 3.5.3.12 Alternative name(s): Agmatine iminohydrolase Protein EMBRYO DEFECTIVE 1873
<b>Expression Region</b>	1-383
<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 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.