



Recombinant Arabidopsis thaliana Adenylate isopentenyltransferase 8, chloroplastic (IPT8)

Product Code	CSB-MP867951DOA
Abbreviation	IPT8
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.	Q9LJL4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	CMEQS YKQKVVMIMG ATGSGKSCLS IDLATRFSGE IVNSDKIQFY DGLKVTTNQM SILERCGVPH HLLGELPPDD SELTTSEFRS LASRSISEIT ARGNLPIIAG GSNSFIHALL VDRFDPKTYP FSSETSISSG LRYECCFLWV DVSVSVLFEY LSKRVDQMME SGMFEELAGF YDPRYSGSAI RAHGIHKTIG IPEFDRYFSL YPPERKQKMS EWDQARKGAY DEAVQEIKEN TWRLAKKQIE RIMKLKSSGW DIQRLDATPS FGRSSREIWD NTVLDESIKV VKRFLVKDKV
Source	Mammalian cell
Target Names	IPT8
Protein Names	Recommended name: Adenylate isopentenyltransferase 8, chloroplastic Short name= AtIPT8 EC= 2.5.1.n4 Alternative name(s): Adenylate dimethylallyltransferase 8 Cytokinin synthase 8 Plant growth activator 22
Expression Region	36-330
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.