



# Recombinant Arabidopsis thaliana ATP sulfurylase 4, chloroplastic (APS4)

<b>Product Code</b>	CSB-EP865816DOA-B
<b>Abbreviation</b>	APS4
<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>	Q9S7D8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QVSRRGLSVK SGLIEPDGGK LMNLVVEESR RRVMKHEAET VPARIKLNRV DLEWVHVLSE GWASPLKGF M RQSEFLQTLH FNSFRLEDGS VVNMSVPIVL AIDDDQKFRI GDSNQVTLVD SVGNPIAILN DIEIYKHPKE ERIARTWGTT ARGLPYAEEA ITKAGNWLIG GDLQVLEPIK YNDGLDRFRL SPSQLREEFI RRGADAVFAF QLRNPVHNGH ALLMTDTRRR LLEMGYKNPV LLLNPLGGFT KADDVPLSWR MRQHEKVLED GVLDPETTVV SIFPSPMLYA GPTEVQWHAK ARINAGANFY IVGRDPAGMG HPTEKRDLYD ADHGKVLISM APGLERLNIL PFKVAAYDKT QGKMAFFDPS RSQDFLFISG TKMRGLAKKK ENPPDGF MCP SGWKVLVDYY DSLSAETGNG RVSEAVASA
<b>Source</b>	E.coli
<b>Target Names</b>	APS4
<b>Protein Names</b>	Recommended name: ATP sulfurylase 4, chloroplastic EC= 2.7.7.4
<b>Expression Region</b>	41-469
<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.
<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.