



Recombinant *Saccharomyces cerevisiae* NADPH-dependent 1-acyldihydroxyacetone phosphate reductase (AYR1)

Product Code	CSB-EP331175SVG-B
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.	P40471
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSELQSQPKK IAVVTGASGG IGYEVTKELA RINGYLVYACA RRLEPMAQLA IQFGNDSIKP YKLDISKPEE IVTFSGFLRA NLPDGKLDLL YNNAGQSCTF PALDATDAAV EQCFKVNCFG HINMCRELSE FLIKAKGTIV FTGSLAGVVS PFGSIYSAS KAAIHQYARG LHLEMKPFNV RVINAITGGV ATDIADKRPL PETSIFYNPE GREAFNSRKT MAKDNKMPMA DAYAKQLVKD ILSTSDPVDV YRGTFANIMR FVMIFVPYWL LEKGLSKKFK LDKVNNALKS KQKNKDD
Source	E.coli
Target Names	AYR1
Protein Names	Recommended name: NADPH-dependent 1-acyldihydroxyacetone phosphate reductase Short name= ADR EC= 1.1.1.101 Alternative name(s): 1-acyl DHAP reductase Acyl/alkyl DHAP reductase Acylglycerone-phosphate reductase
Expression Region	1-297
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 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.