



# Recombinant *Saccharomyces cerevisiae* Aldehyde dehydrogenase 5, mitochondrial (ALD5)

<b>Product Code</b>	CSB-EP408135STA
<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>	A6ZR27
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain YJM789) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SQAPLRV PITLPNGFTY EQPTGLFING EFVASKQKKT FDVINPSNEE KITTVYKAME DDVDEAVAAA KKAFETKWSI VEPEVRAKAL FNLADLVEKH QETLAAIESM DNGKSLFCAR GDVALVSKYL RSCGGWADKI YGNVIDTGKN HFTYSIKEPL GVCGQIIPWN FLLMWSWKI GPALATGNTV VLKPAETTP SALFASQLCQ EAGIPAGVVN ILPGSGRVVG ERLSAHPDVK KIAFTGSTAT GRHIMKVAAD TVKKVTLELG GKSPNIVFAD ADLDKAVKNI AFGIFYNSGE VCCAGSRIYI QDTVYEEVLQ KLKDYTESLK VGDPFDEEVF QGAQTSDKQL HKILDYVDVA KSEGARLV TG GARHGSKGYF VKPTVFADVK EDMRIVKEEV FGPIVTVSKF STVDEVIAMA NDSQYGLAAG IHTNDINKAV DVSKRVKAGT VWINTYNNFH QNVPFGGFGQ SGIGREMGEA ALSNYTQTKS VRIAIDKPIR
<b>Source</b>	E.coli
<b>Target Names</b>	ALD5
<b>Protein Names</b>	Recommended name: Aldehyde dehydrogenase 5, mitochondrial EC= 1.2.1.3 EC= 1.2.1.4
<b>Expression Region</b>	24-520
<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.