



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

Product Code	CSB-YP408135STA
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.	A6ZR27
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain YJM789) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	SQAPLRV PITLPNGFTY EQPTGLFING EFVASKQKKT FDVINPSNEE KITTVYKAME DDVDEAVAAA KKAFETKWSI VEPEVRAKAL FNLADLVEKH QETLAAIESM DNGKSLFCAR GDVALVSKYL RSCGGWADKI YGNVIDTGKN HFTYSIKEPL GVCGQIIPWN FPLLMWSWKI GPALATGNTV VLKPAETTP SALFASQLCQ EAGIPAGVVN ILPGSGRVVG ERLSAHPDVK KIAFTGSTAT GRHIMKVAAD TVKKVTLELG GKSPNIVFAD ADLDKAVKNI AFGIFYNSGE VCCAGSRIYI QDTVYEEVLQ KLKDYTESLK VGDPFDEEVF QGAQTSKQL HKILDYVDVA KSEGARLVTV GARHGSKGYF VKPTVFADVK EDMRIVKEEV FGPIVTVSKF STVDEVIAMA NDSQYGLAAG IHTNDINKAV DVSKRVKAGT VWINTYNNFH QNVPPFGGFGQ SGIGREMGEA ALSNYTQTKS VRIAIDKPIR
Source	Yeast
Target Names	ALD5
Protein Names	Recommended name: Aldehyde dehydrogenase 5, mitochondrial EC= 1.2.1.3 EC= 1.2.1.4
Expression Region	24-520
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.