



Recombinant *Oryza sativa* subsp. *japonica* Succinate-semialdehyde dehydrogenase, mitochondrial (ALDH5F1)

Product Code	CSB-EP495250OFG-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.	B9F3B6
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	SVDAG AAMEKVRAAG LLRTQGLIGG KWVDAYDGKT IEVQNPATGE TLANVSCMGS KETSDAIASA HSTFYSWSKL TANERSKALR KWHDLIISHK EELALLMTLE QGKPMKEALV EVTYGASFIE YFAEEAKRIY GDIIPPTLSD RRLVLKQPV GVVGAVTPWN FPLAMITRKV GPALACGCTV VVKPSEFTPL TALAAADLAL QAGIPAGAIN VVMGNAPEIG DALLQSTQVR KITFTGSTAV GKKLMAGSAN TVKKVSLELG GNAPCIVFDD ADIDVAIKGS LAAKFRNSGQ TCVCANRILV QEGIYEK FAS AFIKAVQSLK VGNGLEESTS QGPLINEAAV QKVEKFINDA TSKGANIMLG GKRHSLGMSF YEPTVVG NVS NDMLLFREEV FGPVAPLVPF KTEEDAIRMA NDTNAGLAAY IFTKSIPRSW RVSEALEYGL VGVNEGIIST EVAPFGGVKQ SGLGREGSKY GMDEYLELKY ICMGNLN
Source	E.coli
Target Names	ALDH5F1
Protein Names	Recommended name: Succinate-semialdehyde dehydrogenase, mitochondrial EC= 1.2.1.24 Alternative name(s): Aldehyde dehydrogenase family 5 member F1 NAD(+)-dependent succinic semialdehyde dehydrogenase
Expression Region	36-527
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,



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