



Recombinant *Danio rerio* Alcohol dehydrogenase [NADP (+)] A (akr1a1a)

Product Code	CSB-EP715286DIL-B
Abbreviation	akr1a1a
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.	Q6AZW2
Product Type	Recombinant Protein
Immunogen Species	<i>Danio rerio</i> (Zebrafish) (<i>Brachydanio rerio</i>)
Purity	>85% (SDS-PAGE)
Sequence	MTATITLSTG QRMPTVGLGT WKSAPGQVKQ AVLAALDCGY RHIDCAAAYS NEREVGEALT ERLGPGKSLR RDDIFVTSKL WNTKHHPDDV EEACRRSLSD LRLSYLDLYL IHWPMAFGRG DELIPRHPDG TIQYDDTHYR DTWAAMEKLV DQGLAKAIGL SNFNAKQIDD ILSIAKHKPV VNQVECHPYL VQAELVSHCW SRNLTVTAYS PLGSPDRPWV TPGEALLDD PRVVGIAKSY NKTPAQVIIR WHIQRGVVCI PKSVTPSRIK QNIEVDFDKL SDEDMRLIES FNRNERFIIP TVIKDGQKIW RDAKHPHFPP IEPY
Source	<i>E.coli</i>
Target Names	akr1a1a
Protein Names	Recommended name: Alcohol dehydrogenase [NADP(+)] A EC= 1.1.1.2 Alternative name(s): Aldehyde reductase-A Aldo-keto reductase family 1 member A1-A
Expression Region	1-324
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.