



Recombinant Aspartate-semialdehyde dehydrogenase (asd)

Product Code	CSB-EP809944EGX
Abbreviation	asd
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.	Q8FCR6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MKNVGFIGWR GMVGSVLMQR MVEERDFDAI RPYFFSTSQL GQAAPSFGGT TGTLQDAFDL EALKALDIIV TCQGGDYTNE IYPKLRESGW QGYWIDAASS LRMKDDAIII LDPVNQDVIT DGLNNGIRTF VGGNCTVSLM LMSLGGLFAN DLVDWVSVAT YQAASGGGAR HMRELLTQMG HLYGHVADEL ANPSSAILDI ERKVTTLTRS GELPVDNFGV PLAGSLIPWI DKQLDNGQSR EEWKGQAETN KILNTSSVIP VDGLCVRVGA LRCHSQAFTI KLK KDVS IPT VEELLA AHNP WAKVVPNDRE ITMRELTPAA VTGTLTTPVG RLRKLNMGPE FLSAFTVGDQ LLWGAAEPLR RMLRQLA
Source	E.coli
Target Names	asd
Protein Names	Recommended name: Aspartate-semialdehyde dehydrogenase Short name= ASA dehydrogenase Short name= ASADH EC= 1.2.1.11 Alternative name(s): Aspartate-beta-semialdehyde dehydrogenase
Expression Region	1-367
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.