



Recombinant Legionella pneumophila Aspartate-semialdehyde dehydrogenase (asd)

Product Code	CSB-EP516242LNY-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.	O31219
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Legionella pneumophila
Purity	>85% (SDS-PAGE)
Sequence	MSRHLNVAIV GATGAVGETF LTVLEERNFP IKSPLYPLASS RSVGKTVTFR DQELDVLDLA EFDLSKVDLA LFSAGGAVSK EYAPKAVAAG CVVVDNTSCF RYEDDIPLVV PGSESSSNRD YTKRGIANP NCSTIQMVVA LKPIYDAVGI SRINVATYQS VSGTGKKAIS ELVAQVGDLL NGRPANVQVY PQQIAFNALP HIDQFEDNGY TREEMKMWWE TRKIMEDDSI MVNPTAVRVP VIYGHSEAVH LELKKPLTAD DARALLAKAP GVTVDNLSK ASYPTAIKNA VGHDDVFVGR IRQDISHPCG LNLWIVADNI RKGATNAVQ IAEILQREFL LKLSLPQ
Source	E.coli
Target Names	asd
Protein Names	Recommended name: Aspartate-semialdehyde dehydrogenase Short name= ASA dehydrogenase Short name= ASADH EC= 1.2.1.11Alternative name(s): Aspartate-beta-semialdehyde dehydrogenase
Expression Region	1-347
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.