



Recombinant *Lithobates catesbeiana* Argininosuccinate lyase (ASL)

Product Code	CSB-EP002213LQA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P51464
Product Type	Recombinant Protein
Immunogen Species	<i>Lithobates catesbeiana</i> (American bullfrog) (<i>Rana catesbeiana</i>)
Purity	>85% (SDS-PAGE)
Sequence	MASEGDKLWG GRFVGSIDPI MEMFNSSVSY DQRMWSADIR GSQAYVKALE KAGLVSPTEM EHILTGLDQI HEEWSKGFV LTKADEDIHT ANERRLKELI GEPAGKLHTG RSRNDQVVD MRLWLRDSCS ALHLHLTRLI RTMVDRAAIE IDILFPGYTH MQRAQPIRWS HWILSHAVAL CRDAERLGEL RKRINVLPLG SGAIAGNPLG VDRELLRKEL EFDSVLSNSM DATSERDFIA EFLFWASLCM THLSKMSEDL IIYSTKEFSF VTLSDSYSTG SSLMPQKKNP DSLELIRSKA GRVFGRCSGF LMTLKGLPST YNKDLQEDKE AMFDVYDTCV AVLQVASGVI STLQINKEGM EKALSPDMLA TDIAYYLVRK GMPFRQAHGL SGKVVQLAET KGIALNKLSL EDLKSISPLF SNDVSKVWNY TNSVEQYTAA GGTAKSCVVA QVEQLRTWLK KTQESVI
Source	E.coli
Target Names	ASL
Protein Names	Recommended name: Argininosuccinate lyase Short name= ASAL EC= 4.3.2.1 Alternative name(s): Arginosuccinase
Expression Region	1-467
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.