



Recombinant Aspartate ammonia-lyase (aspA)

Product Code	CSB-EP855601EOD
Abbreviation	aspA
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.	Q8XDS0
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MSNNIRIEED LLGTREVPAD AYYGVHTLRA IENFYISNNK ISDIPEFVRG MVMVKKAAAM ANKELQTIPK SVANAIIAAC DEVLNNGKCM DQFPVDVYQG GAGTSVNMNT NEVLANIGLE LMGHQKGEYQ YLNPNDHVNK CQSTNDAYPT GFRIAVYSSL IKLVDAINQL REGFERKAVE FQDILKMGRT QLQDAVPMTL GQEFRAFSIL LKEEVKNIQR TAELLLEVNL GATAIGTGLN TPKEYSPLAV KKLAEVTGFP CVPAEDLIEA TSDCGAYVMV HGALKRLAVK MSKICNDLRL LSSGPRAGLN EINLPELQAG SSIMPAKVNP VVPEVVNQVC FKVIGNDTTV TMAAEAGQLQ LNVMEPVIGQ AMFESVHILT NACYNLLEKC INGITANKEV CEGYVYNSIG IVTYLNPFIG HHNGDIVGKI CAETGKSVRE VVLERGLLTE AELDDIFSVQ NLMHPAYKAK RYTDESEQ
Source	E.coli
Target Names	aspA
Protein Names	Recommended name: Aspartate ammonia-lyase Short name= Aspartase EC= 4.3.1.1
Expression Region	1-478
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.