



Recombinant Aspartate--tRNA ligase (aspS)

Product Code	CSB-EP808211EGX
Abbreviation	aspS
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.	Q8FGQ9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MRTEYCGQLR LSHVGQQVTL CGWVNRRRDL GSLIFIDMRD REGIVQVFFD PDRADALKLA SELRNEFCIQ VTGTVRARDE KNINRDMATG EIEVLASSLT IINRADVLPL DSNHVNTEEA RLKYRYDLR RPEMAQRLKT RAKITSLVRR FMDDHGFLDI ETPMLTKATP EGARDYLVPS RVHKGKFYAL PQSPQLFKQL LMMSGFDRIY QIVKCFRDED LRADRQPEFT QIDVETSFMT APQVREVM EA LVRHLWLEVK GVDLGDFPVM TFAEAERRYG SDKPDLRNPM ELTDVADLLK SVEFAVFAGP ANDPKGRVAA LRVPGGASLT RKQIDEYGNF VKIYGAKGLA YIKVNERAKG LEGINSPVAK FLNAEIIIEAI LERTGAQDGD MIFFGADNKK IVADAMGALR LKVGKDLGLT DESKWAPLWV IDPFMFEDDG EGGLTAMHHP FTSPKDMTAA ELKAAPENAV ANAYDMVING YEVGGGSVRI HNGDMQQTVF GILGINEEEQ REKFGFLDA LKYGTPPHAG LAFGLDRLTM LLTGTDNIRD VIAFPKTTAA ACLMTEAPSF ANPTALAELS IQVVKKAENN
Source	E.coli
Target Names	aspS
Protein Names	Recommended name: Aspartate--tRNA ligase EC= 6.1.1.12 Alternative name(s): Aspartyl-tRNA synthetase Short name= AspRS
Expression Region	1-590
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.