



# Recombinant Escherichia coli Aspartate--tRNA ligase (aspS)

<b>Product Code</b>	CSB-YP511480ENU
<b>Storage</b>	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.
<b>Uniprot No.</b>	C4ZQF0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12 / MC4100 / BW2952)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MRTEYCGQLR LSHVGQQVTL CGWVNRRRDL GSLIFIDMRD REGIVQVFFD PDRADALKLA SELRNEFCIQ VTGTVRARDE KNINRDMATG EIEVLASSLT IINRADVLPL DSNHVNTEEA RLKYRYLDLR RPEMAQRLKT RAKITSLVRR FMDDHGFLDI ETPMLTKATP EGARDYLVPS RVHKGKIFYAL PQSPQLFKQL LMMSGFDRYY QIVKCFRDED LRADRQPEFT QIDVETSFMT APQVREVMEA LVRHLWLEVK GVDLGDFPVM TFAEAERRYG SDKPDLRNPM ELTDVADLLK SVEFAVFAGP ANDPKGRVAA LRVPGGASLT RKQIDEYGNF VKIYGAKGLA YIKVNERAKG LEGINSPVAK FLNAEIIEDI LDRTAAQDGD MIFFGADNKK IVADAMGALR LKVGKDLGLT DESKWAPLWV IDFPMFEDDG EGGLTAMHHP FTSPKDMTAA ELKAAPENAV ANAYDMVING YEVGGSVRI HNGDMQQTVF GILGINEEEQ REKFGLLDA LKYGTPPHAG LAFGLDRLTM LLTGTDNIRD VIAFPKTTAA ACLMTEAPSF ANPTALAEELS IQVVKKAENN
<b>Source</b>	Yeast
<b>Target Names</b>	aspS
<b>Protein Names</b>	Recommended name: Aspartate--tRNA ligase EC= 6.1.1.12 Alternative name(s): Aspartyl-tRNA synthetase Short name= AspRS
<b>Expression Region</b>	1-590
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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