



Recombinant Thermus thermophilus Asparagine--tRNA ligase (asnS)

Product Code	CSB-EP346152TNT-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.	P54263
Product Type	Recombinant Protein
Immunogen Species	Thermus thermophilus (strain HB8 / ATCC 27634 / DSM 579)
Purity	>85% (SDS-PAGE)
Sequence	MRVFIDEIAR HVDQEVELRG WLYQRRSKGK IHFLILRDGT GFLQATVVQG EVPEAVFREA DHLPQETALR VWGRVREDRR APGGFELAVR DLQVVSRRPQG EYPIGPKEHG IDFLMDHRHL WLRHRRPFAV MRIRDELERAIHEFFGERGF LRFDAPILTP SAVEGTTELF EVELFDGEKA YLSQSGQLYA EAGALAFKAV YTFGPTFRAE RSKTRRHLLF FWMVEPEVAF MTHEENMALQ EELVSFLVAR VLERRSRELE MLGRDPKALE PAAEGHYPR LTYKEAVALVN RIAQEDPEVP PLPYGEDFGA PHEAALSRRF DRPVFVERYP ARIKAFYMEP DPEDPELVN DDLLAPEGYG EIIGGSQRIH DLELLRRKIQ EFGLPEEVYD WYLDLRRFGS VPHSGFGLGL ERTVAWICGL AHVREAIPFP RMYTRMRP
Source	E.coli
Target Names	asnS
Protein Names	Recommended name: Asparagine--tRNA ligase EC= 6.1.1.22 Alternative name(s): Asparaginyl-tRNA synthetase Short name= AsnRS
Expression Region	1-438
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.