



Recombinant Nocardia farcinica Histidine--tRNA ligase (hisS)

Product Code	CSB-EP719944NAAA
Abbreviation	hisS
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.	Q5YTH9
Product Type	Recombinant Protein
Immunogen Species	Nocardia farcinica (strain IFM 10152)
Purity	≥85% (SDS-PAGE)
Sequence	MTKTSSFSAP KGVDPDYVPPG SAEFVAVRDA LLRAARLAGY GHIELPIFED TGLFARGVGE STDVVTKEMY TFADRGERSV TLRPEGTAGV MRAVIEHGLD RGQLPVKLVY SGPFFRYERP QAGRYRQLQQ VGVEAIGVDD PALDAEVIAI ADAGFRSLGL DGFRLELTSL GDDTCRPRYR ELLQEFLFGL PLDEETRRRA ELNPLRVLDD KRPEVRELLA DAPLMIDHLS ESAKAHFEQV LGHLDALGVP YVVNPRMVRG LDYYTKTTFE FVHDGLGAQS GIGGGGRYDG LMAQLGGQPL SGIGFGLGVD RTMLALQAEG KSAGDPARCD VFGVPLGEAA KQRMVVLAAQ LRAAGVRVDL AYGGRGVKGA MKAADRSGAR YTLVLGDRDL AEDTIGVKDM STGDQRQVPL GEVVGVL RSE LG
Source	E.coli
Target Names	hisS
Protein Names	Recommended name: Histidine--tRNA ligase EC= 6.1.1.21 Alternative name(s): Histidyl-tRNA synthetase Short name= HisRS
Expression Region	1-422
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



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