Recombinant tRNA sulfurtransferase (thiI)

Product Code	CSB-EP837980EOD
Abbreviation	thiI
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.	Q8XE74
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	≥85% (SDS-PAGE)
Sequence	MKFIIKLFPE ITIKSQSVRL RFIKILTGNI RNVLKHYDET LAVVRHWDNI EVRAKDENQR LTIRDALTRI PGIHHILEVE DVPFTDMHDI FEKALVQYRD QLDGKTFCVR VKRRGKHDFS SIDVERYVGG GLNQHIESAR VKLTNPDVTV HLEVEDDRLL LIKGRYEGIG GFPIGTQEDV LSLISGGFDS GVSSYMLMRR GCRVHYCFFN LGGAAHEIGV RQVAHYLWNR FGSSHRVRFV AINFEPVVGE ILEKIDDGQM GVILKRMMVR AASKVAERYG VQALVTGEAL GQVSSQTLTN LRLIDNVSDT LILRPLISYD KEHIINLARQ IGTEDFARTM PEYCGVISKS PTVKAVKSKI EAEEEKFDFS ILDKVVEEAN NVDIREIAQQ TGQEVVEVET VNDFGPNDVI LDIRSVDEQE DKPLKVEGID VVSLPFYKLS TKFGDLDQNR TWLLWCERGV MSRLQALYLR EQGFKNVKVY RP
Source	E.coli
Target Names	thiI
Protein Names	Recommended name: tRNA sulfurtransferase EC= 2.8.1.4 Alternative name(s): Sulfur carrier protein ThiS sulfurtransferase Thiamine biosynthesis protein ThiI tRNA 4-thiouridine synthase
Expression Region	1-482
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.