



# Recombinant tRNA sulfurtransferase (thil)

<b>Product Code</b>	CSB-EP731389YAH-B
<b>Abbreviation</b>	thil
<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>	Q66DV0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Yersinia pseudotuberculosis serotype I (strain IP32953)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MKFIKLFPE ITIKSQSVRL RFIKILTTNI RNVLKHLEDD TLAIVRHWDH IELRTKDGNL GPEICDALTR IPGIHHILEV EDRSYSDMHN IFEQTLAYR ETLVGKTFCV RVKRRGKHEF SSGDVERYVG GGLNQHIESA KVNLRPQVT VNLEVDQDKL ILVKARHEGL GGFPIGTQED VLISLISGGFD SGVSSYMLMR RGCRVHYCFF NLGGSAAHEIG VKQVAHYLWN RFGSSHRVRF IAIDFEPVVG EILEKVEDGQ MGVVLKRMMV RAASQVAERY GVQALVTGEA LGQVSSQTLT NLRLIDNASD TLILRPLISH DKEHIINLAR QIGTEDFAKT MPEYCGVISK SPTVKAVKAK IEEEEESHFDF SILDRVVSEA KNVDIREIAQ QSREQVVEVE TVAELADTDV LLDIRAPDEQ EEKPLKLDQV EVRSLPFYKL SSQFADLDQS KTYLLYCDRG VMSRLQALYL REQGYTNVKV YRP
<b>Source</b>	E.coli
<b>Target Names</b>	thil
<b>Protein Names</b>	Recommended name: tRNA sulfurtransferase EC= 2.8.1.4 Alternative name(s): Sulfur carrier protein ThiS sulfurtransferase Thiamine biosynthesis protein Thil tRNA 4-thiouridine synthase
<b>Expression Region</b>	1-483
<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. 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.