



# Recombinant Cytoplasmic tRNA 2-thiolation protein 1 (tut-1)

<b>Product Code</b>	CSB-EP002426CXY-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O76365
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Caenorhabditis elegans
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEKRRGPPPC QSGSGCSNPA KIRKAKDGAQ LCGPCFSRNF EDDVHEAIVN NKLFRGERV AIGASGGKDS TVLAYVMKTL NDRHDYGLDL QLLSIDEIK GYRDDSLAV EKNRVEYGLP LTILSYRDLY GWTMDDIVAK IGKKNCTFC GVFRRQALDR GAFKIGATKL VTGHNADDMA ELLMNVLRG DIARLERCTN IVTGEEGDLP RAKPLKYCFE RDIVMYARTN QLEYFYTECI YAPNAYRGYA RKYVRDLEKV HPRAILDILIR SGEKVSVKKE VEMPTLKICE RCGYMTSQKL CKACLLIEGL NTGNTDLGVR KSKKSKKVTV EADELNKEGG CGSGGGGGGC GCAGAEDAAE NEETRQLKD LQF
<b>Source</b>	E.coli
<b>Target Names</b>	tut-1
<b>Protein Names</b>	Recommended name: Cytoplasmic tRNA 2-thiolation protein 1 EC= 2.7.7.- Alternative name(s): Cytoplasmic tRNA adenylyltransferase 1 Thiolation of uridine in tRNA protein 1
<b>Expression Region</b>	1-373
<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.