



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

Product Code	CSB-EP002426CXY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O76365
Product Type	Recombinant Protein
Immunogen Species	Caenorhabditis elegans
Purity	>85% (SDS-PAGE)
Sequence	MEKRRGPPPC QSGSGCSNPA KIRKAKDGAQ LCGPCFSRNF EDDVHEAIVN NKLFRGERV AIGASGGKDS TVLAYVMKTL NDRHDYGLDL QLLSIDEIK GYRDDSLAV EKNRVEYGLP LTILSYRDLY GWTMDDIVAK IGKKNCTFC GVFRRQALDR GAFKIGATKL VTGHNADDMA ETLLMNVLRG DIARLERCTN IVTGEEGDLP RAKPLKYCFE RDIVMYARTN QLEYFYTECI YAPNAYRGYA RKYVRDLEKV HPRAILDLIR SGEKVSVKKE VEMPTLKICE RCGYMTSQKL CKACLLIEGL NTGNTDLGVR KSKKSKKVTV EADELNKEGG CGSGGGGGGC GCAGAEDAAE NEETRQLKD LQF
Source	E.coli
Target Names	tut-1
Protein Names	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
Expression Region	1-373
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.