



Recombinant Anaplasma marginale Thymidylate synthase thyX (thyX)

Product Code	CSB-EP725034AAAC-B
Abbreviation	thyX
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.	Q5PBM3
Product Type	Recombinant Protein
Immunogen Species	Anaplasma marginale (strain St. Maries)
Purity	≥85% (SDS-PAGE)
Sequence	MEEGTGEYTK RVVVHALEDI LHQELRVLDK GFVRVVDYMG SDESVVQAAR VSYGRGTKRT SQDAALIGYL MRHAHTSPFE MCEIKLHVKL PIFVARQWVR HRTASINEYS ARYSVLDREF YIPDEKQIAE QSTNNAQGRG TPLPADAAGR IMELFRRNSE LMYEDYEALL EQGLARELAR MNLINCYTQ WYWKVNLHNL LRFLALRSGA GAQYEIREYA SRILEIVRLW VPMVHAAFVE YHLESSTISR SALVVVRKML QGEKVSMEES GLGRREWGEL MSVLYPDGEP E
Source	E.coli
Target Names	thyX
Protein Names	Recommended name: Thymidylate synthase thyX Short name= TS Short name= TSase EC= 2.1.1.148
Expression Region	1-291
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.