



Recombinant Treponema pallidum Treponemal membrane protein A (tmpA)

Product Code	CSB-EP362188TPR
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.	P07643
Product Type	Recombinant Protein
Immunogen Species	Treponema pallidum (strain Nichols)
Purity	>85% (SDS-PAGE)
Sequence	CASGAKEEA EKKAQEQRAL LVESAHADRR LMEARIGAQE SGADTQHPEL FSQIQDVERQ STDAKIEGDL KKAAGVASEA ADKYEILRNR VEVADLQSKI QTHQLAQYDG DSANAAEESW KKALELYETD SAQCLQSTVE ALESYRKVAH EGFGRLLPDM KARAGAAKTD VGGLKVAVEL RPQLEEADSQ YQEAREAEV NARAKAFSGY HRALEIYTEL GKVVRLLKTE AEKALQSAKT KQKASSDLAR SADKSAPLPE NAQGFSKEPI EVEPLPNDR LNTTQADESAP IPISDTSSPS RVQSRGVEDG GRSPKSSMNE EGASR
Source	E.coli
Target Names	tmpA
Protein Names	Recommended name: Treponemal membrane protein A Alternative name(s): Antigen tmpA Membrane protein A
Expression Region	22-345
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 of Mature 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.