



Recombinant Treponema pallidum 34 kDa membrane antigen (tpd)

Product Code	CSB-EP322536TPR-B
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.	P19478
Product Type	Recombinant Protein
Immunogen Species	Treponema pallidum (strain Nichols)
Purity	>85% (SDS-PAGE)
Sequence	C GGGGEHQHGE EMMAAVPAPD AEGAAGFDEF PIGEDRDVGP LHVGGVYFQP VEMHPAPGAQ PSKEEADCHI EADIHANEAG KDLGYGVGDF VPYLRVVAFL QKHGSEKVQK VMFAPMNAGD GPHYGANVKF EEGLGTYKVR FEIAAPSHDE YSLHIDEQTG VSGRFWSEPL VAEWDDFEWK GPQW
Source	E.coli
Target Names	tpd
Protein Names	Recommended name: 34 kDa membrane antigen Alternative name(s): Pathogen-specific membrane antigen
Expression Region	20-204
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.