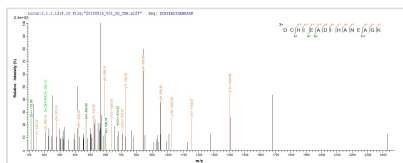




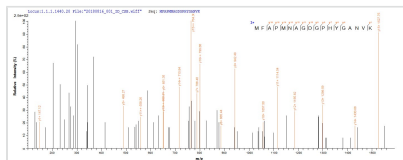
Recombinant Treponema pallidum 34 kDa membrane antigen (tpd)

Product Code	CSB-EP322536TPR
Abbreviation	Recombinant Treponema pallidum tpd protein
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	Greater than 85% as determined by SDS-PAGE.
Sequence	CGGGGEHQHGEEMMAAVPAPDAEGAAGFDEFPIGEDRDVGPLHVGGVYFQ PVEMHPAPGAQPSKEEADCHIEADIHANEAGKDLGYGVGDFVPYLRVVAFLQ KHGSEKVQKVMFAPMNAGDGPYGANVKFEEGLGTYKVRFEIAAPSHDEYSL HIDEQTGVSGRFWSEPLVAEWDDFEWKGPQW
Research Area	Cancer
Source	E.coli
Target Names	tpd
Protein Names	Recommended name: 34 kDa membrane antigen Alternative name(s): Pathogen-specific membrane antigen
Expression Region	20-204aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	27.1 kDa
Protein Length	Full Length of Mature Protein

Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP322536TPR could indicate that this peptide derived from E.coli-expressed Treponema pallidum (strain Nichols) tpd.



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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.