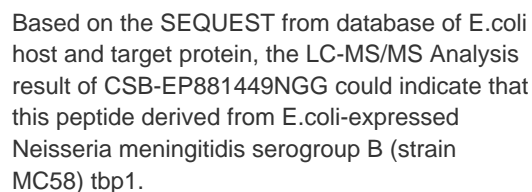
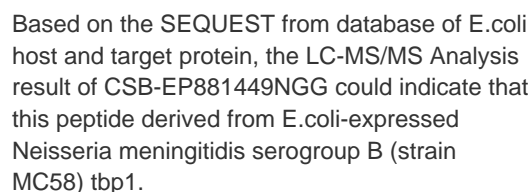
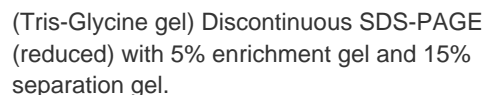




# Recombinant Neisseria meningitidis serogroup B Transferrin-binding protein 1 (tbp1), partial

<b>Product Code</b>	CSB-EP881449NGG
<b>Abbreviation</b>	Recombinant Neisseria meningitidis serogroup B tbp1 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9K0U9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Neisseria meningitidis serogroup B (strain MC58)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	AYAENVQAGQAQEKQLDTIQVKAKKQKTRRDNEVTGLGKLVKSSDTLSKEQV LNIRDLTRYDPGIAVVEQGRGASSGYSIRGMDKNRVSLTVDGVSQIQSYTAQA ALGGTRTAGSSGAINEIEYENVKAVEISKGSNSVEQSGALAGSVAFQTKTAD DVIGEGRQWGIQSKTAYSGKNRGLTQSIALAGRIGGAEALLIHTGRRAGEIRAH EDAGRGVQSFNRLVPVEDSSNYAYFIVKEECKNGSYETCKANPKKDVGKDE RQTVSTRDYTGPNRF
<b>Research Area</b>	Cell Biology
<b>Source</b>	E.coli
<b>Target Names</b>	tbp1
<b>Protein Names</b>	Recommended name: Transferrin-binding protein 1
<b>Expression Region</b>	22-300aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	37.0 kDa
<b>Protein Length</b>	Partial

**Image**



The recombinant *Neisseria meningitidis* serogroup B (strain MC58) *tbp1* protein expression in *e.coli* cells requires the insertion of a DNA fragment encoding the *Neisseria meningitidis* serogroup B (strain MC58) *tbp1* protein (22-300aa) into a plasmid vector and the transferral of this vector into *e.coli* cells. The positive cells are screened, cultured, and then induced to express the *tbp1* protein. The protein carries a N-terminal 10xHis tag and C-terminal Myc tag. The cells are lysed to harvest the recombinant *Neisseria meningitidis* serogroup B (strain MC58) *tbp1* protein, which is purified through affinity purification and then detected by SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. The purity of this recombinant *Neisseria meningitidis* serogroup B (strain MC58) *tbp1* protein is over 85%.

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.

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