

TBP1 Protein, MenB, Recombinant (His & Myc)

General Information

Synonyms:	Transferrin-binding protein 1;TbpA;tbp1;Transferrin-binding protein A
Protein Construction:	22-300 aa
Species:	MenB
Expression Host:	E. coli
Accession:	Q9K0U9
Molecular Weight:	37.0 kDa (predicted)
AA Sequence:	AYAENVQAGQAQEKQLDTIQVKAKKQKTRRDNEVTGLGKLVKSSDLSKEQVLNIRDLTRYDPGIAVVEQGR GASSGYSIRGMDKNRVS�TVDGVSQIQSYTAQAALGGTRTAGSSGAINIEIYENVKAVEISKGSNSVEQGS LAGSVAFQTKTADDVIGEGRQWGIQSKTAYSGKNRGLTQSIALAGRIGGAEALLIHTGRRAGEIRAHEDAGRG VQSFNRLVPVEDSSNYAYFIVKKECKNGSYETCKANPKKDVVGKDERQTVSTRDYTGPNRF

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Neisseria acquires iron by extracting it from serum transferrin (TF) in its human host. Acts as a TF receptor and is required for TF utilization. Binds both apo- and holo-TF, via the TF C-terminus.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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