



# Recombinant Pig Transcobalamin-1 (TCN1)

<b>Product Code</b>	CSB-YP023317PI
<b>Relevance</b>	Binds vitamin B12 with femolar affinity and protects it from the acidic environment of the stomach . Binds to cobalamin and to cobalamin analogs such as cobinamide.
<b>Abbreviation</b>	Recombinant Pig TCN1 protein
<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>	P17630
<b>Alias</b>	CobalophilinHaptocorrin;Protein RTranscobalamin I ;TC I ;TCI
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	<p>           CVVSEKDYSHLRLLISAMDNLEQIRGIYGASILLSQRLAGIQNPSLEEELSQRIG            DDMNRRDMSNLTSGQLALIILAFGACKTPDVRFIHDHHLVEKLGKFKKEEIKNM            EIHNSNPLTNYQQLSFDVLTLCFLFRGNYSISNVTHYFNPENKNFNLSGHFSVDT            GAVAVLALTCVKRSISNGKIKAAIKDSDTIQKYIESLVHKKIQSEKMVVSLETRIAQ            EKLCRLSLSHQTITKMNQIAKKLWTRCLTHSQGVFRLPIAAAQILPALLGKTYLD            VTKLLLVPKVQVNITDEPVPVPTLSPENISVIYCVKINEISNCINITVFLDVMKAA            QEKNSTIYGFTMTETPWGPYITSVQGIWANNERTYWEHSEQQQITKPRSMGI            MLSKMESI         </p>
<b>Research Area</b>	Others
<b>Source</b>	Yeast
<b>Target Names</b>	TCN1
<b>Protein Names</b>	Recommended name: Transcobalamin-1 Short name= TC-1 Alternative name(s): Cobalophilin Haptocorrin Protein R Transcobalamin I Short name= TC I Short name= TCI
<b>Expression Region</b>	25-416aa
<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 6xHis-tagged
<b>Mol. Weight</b>	46.3kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

