



Recombinant Human Transcobalamin-1 (TCN1)

Product Code	CSB-EP023317HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P20061
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	EICEVSE ENYIRLKPLL NTMIQSNYNR GTSAVNVVLS LKLVGIQIQT LMQKMIQKIK YNVKSRLSDV SSGELALIIL ALGVCRNAEE NLIYDYHLID KLENKFQAEI ENMEAHNGTP LTNYQQLSLD VLALCLFNGN YSTAEVVNHF TPENKNYYFG SQFSVDTGAM AVLALTCVKK SLINGQIKAD EGSLKNISYI TKSLVEKILS EKKENGLIGN TFSTGEAMQA LJVSSDYNE NDWNCQQTLN TVLTEISQGA FSNPNAAAQV LPALMGKTFD DINKDSSCVS ASGNFNISAD EPITVTPPDS QSYISVNYSV RINETYFTNV TVLNGSVFLS VMEKAQKMND TIFGFTMEER SWGPYITCIQ GLCANNNDRT YWELLSGGEP LSQGAGSYVV RNGENLEVRW SKY
Source	E.coli
Target Names	TCN1
Protein Names	Recommended name: Transcobalamin-1 Short name= TC-1 Alternative name(s): Transcobalamin I Short name= TC I Short name= TCI
Expression Region	24-433
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
Target Details	This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This protein is a major constituent of secondary granules in neutrophils and facilitates the transport of cobalamin into cells.
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.