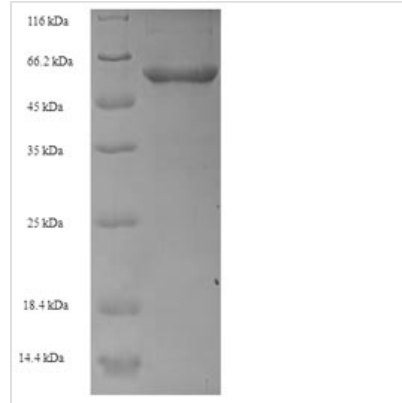




# Recombinant Human Transcobalamin-1(TCN1)

<b>Product Code</b>	CSB-EP023317HU
<b>Relevance</b>	Binds vitamin B12 with femtomolar affinity and protects it from the acidic environment of the stomach.
<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>	P20061
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	Haptocorrin Short name: HC Protein R Transcobalamin I Short name: TC I Short name: TCI
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	EICEVSEENYIRLKPLLNTMIQSNYNRGTSAVNVVLSLKLVGIIQIQTLMQKMIQQI KYNVKSRLSDVSSGELALIILALGVCRNAEENLIYDYHLIDKLENKFQAEIENME AHNGTPLTNYYQLSLDLALCLFNNGYSTAEVVNHFTPENKNYYFGSQFSVDT GAMAVLALTCVKKSLINGQIKADEGSLKNISIYTKSLVEKILSEKKENGLIGNTF TGEAMQALFVSSDYNNENDWNCQQLNTVLTEISQGAFSNPNAQAQVLPALM GKTFDINKDSSCVSASGNFNISADEPITVTPPDSQSYISVNYSVRINETYFTNV TVLNGSVFLSVMEKAQKMNDTIFGFTMEERSWGPYITCIQGLCANNNDRTYW ELLSGGEPLSQGAGSYVVRNGENLEVRWSKY
<b>Lead Time</b>	3-7 business days
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Gene Names</b>	TCN1
<b>Protein Names</b>	Recommended name: Transcobalamin-1 Short name= TC-1 Alternative name(s): Transcobalamin I Short name= TC I Short name= TCI
<b>Expression Region</b>	24-433aa
<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-SUMO-tagged
<b>Mol. Weight</b>	61.6kDa
<b>Protein Description</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.