



Recombinant Pongo abelii Transcobalamin-2 (TCN2)

Product Code	CSB-EP719292PYX
Abbreviation	TCN2
Storage	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.
Uniprot No.	Q5REL7
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	EI CEIPEVDSHL VEKLGQHLLP WMDRLSLEHL NPSIYVDLRL SSLQAGTKEE LYLHSLKLG Y QQCLLGS AFS EDDGDCQGKP SMGQLALYLL ALRANCEFVR GHKGDKLV SQ LKR FLEDEKR AIGHDHKGHP HTSY YQYGLG ILALCLHQKR VHDSVVDKLL YALEPFHQGH HSDVDTAAMAG LAFTCLKRSN FNPGRQRIT MAVRTVREKI LKAQTPEGHF GNVYSTPLAL QFLMTSPMPG AELGTA CLKA RVALFASLQD GAFQNALMIS QLLPVLNHKT YIDLIFPDCL APRVMLEPAA ETIPQAQEII SVTLQVLSLL PPYRQSISVL AGSTVEDVLK KAHELGGFTY ETQASLSGPY LISVMGKAAG EREFWQLLRD PNTPLLQGIA DYRPKDGETI ELRLVSW
Source	E.coli
Target Names	TCN2
Protein Names	Recommended name: Transcobalamin-2 Short name= TC-2 Alternative name(s): Transcobalamin II Short name= TC II Short name= TCII
Expression Region	19-427
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
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.