



# Recombinant Pongo abelii Transcobalamin-2 (TCN2)

<b>Product Code</b>	CSB-YP719292PYX
<b>Abbreviation</b>	TCN2
<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>	Q5REL7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 PPYRQ SISVL AGSTVEDVLK KAHELGGFTY ETQASLSGPY LISVMGKAAG EREFWQLLRD PNTPLLQ GIA DYRPKDGETI ELRLVSW
<b>Source</b>	Yeast
<b>Target Names</b>	TCN2
<b>Protein Names</b>	Recommended name: Transcobalamin-2 Short name= TC-2 Alternative name(s): Transcobalamin II Short name= TC II Short name= TCII
<b>Expression Region</b>	19-427
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.