

RPG796Hu01 200ug

Recombinant Transcobalamin II, Macrocytic Anemia (TCN2)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



## [PROPERTIES]

**Source:** Prokaryotic expression

Host: E.coli

Residues: Glu19~Trp427

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% SKL, 5%

Trehalose.

Original Concentration: 150µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.4

Predicted Molecular Mass: 49.3kDa

Accurate Molecular Mass: 49kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

#### [ SEQUENCE ]

```
EM CEIPEMDSHL VEKLGQHLLP WMDRLSLEHL
NPSIYVGLRL SSLQAGTKED LYLHSLKLGY QQCLLGSAFS EDDGDCQGKP
SMGQLALYLL ALRANCEFVR GHKGDRLVSQ LKWFLEDEKR AIGHDHKGHP
HTSYYQYGLG ILALCLHQKR VHDSVVDKLL YAVEPFHQGH HSVDTAAMAG
LAFTCLKRSN FNPGRRQRIT MAIRTVREEI LKAQTPEGHF GNVYSTPLAL
QFLMTSPMRG AELGTACLKA RVALLASLQD GAFQNALMIS QLLPVLNHKT
YIDLIFPDCL APRVMLEPAA ETIPQTQEII SVTLQVLSLL PPYRQSISVL
AGSTVEDVLK KAHELGGFTY ETQASLSGPY LTSVMGKAAG EREFWQLLRD
PNTPLLQGIA DYRPKDGETI ELRLVSW
```

### [ IDENTIFICATION ]

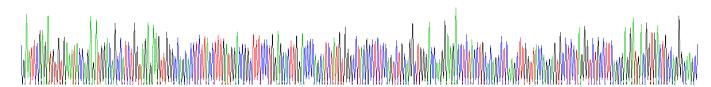
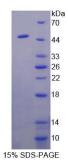


Figure . Gene Sequencing (extract)



# [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.