

Recombinant Transcobalamin II, Macrocytic Anemia (TCN2) Instruction Manual

SIPG463Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	49.3kDa
Accurate Molecular Mass	49kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu19~Trp427 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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EM CEIPEMDSHL VEKLGQHLLP WMDRLSLEHL
NPSIYVGLRL SSLQAGTKED LYLHSLKLG Y QQCLLGS AFS EDDGDCQGKP
SMGQLALYLL ALRANCEFVR GHKGDR LVSQ LKWFL EDEKR AIGHDHKGHP
HTSYYQYGLG ILALCLHQKR VHDSVVDKLL YAVEPFHQGH HSVDTAAMAG
LAFTCLKRSN FNPGRRQRIT MAIRTVREEI LKAQTPEGHF GNVYSTPLAL
QFLMTSPMRG AELGTACLKA RVALLASLQD GAFQNALMIS QLLPVLNHKT
YIDLIFPDCL APRVMLEPAA ETIPQTQEII SVTLQVLSLL PPYRQ SISVL
AGSTVEDVLK KAHELGGFTY ETQASLSGPY LTSVMGKAAG EREFWQLLRD
PNTPLLQGIA DYRPKDGETI ELRLVSW
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

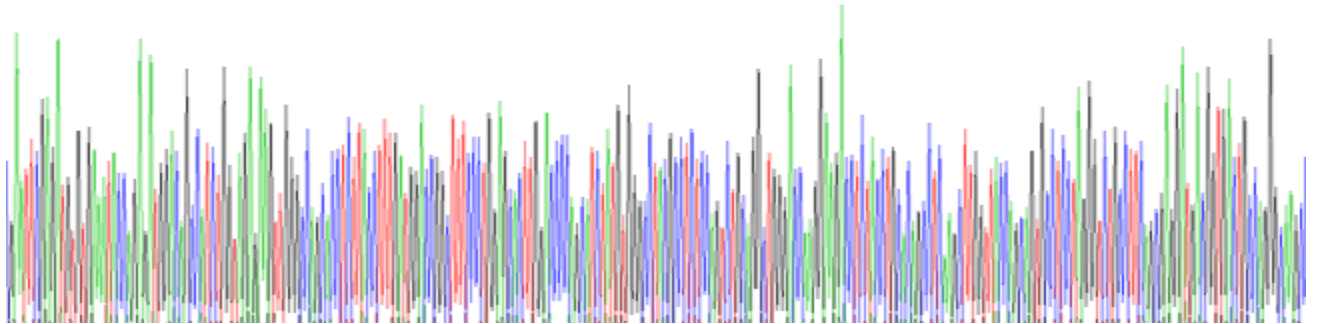
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.