

EPG796Mu61 100µg

Eukaryotic Transcobalamin II, Macrocytic Anemia (TCN2)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Eukaryotic expression

Host: 293F cell

Residues: Glu19~Trp430

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 5% Trehalose .

Original Concentration: 200µg/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: 6.3

Predicted Molecular Mass: 47.4kDa

Accurate Molecular Mass: 46kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

EFCVIPRIDS QLVEKLGQRL LPWMDRLSSE QLNPSVVFVGL RLSSMQAGTK EDLYLHSLKI
HYQQCLLRST SSDDNSSCQP KLSGGSALY LLALRANCEF FGSRKGDRLI SQLKWFLEDE
KKAIGHNHEG HPNTNYYQYG LSILALCVHQ KRLHDSVVGK LLYAVEHDYF TYQGHVSVDT
EAMAGLALTC LERFNFNSDL RPRITMAIET VREKILKSQA PEGYFGNIYS TPLALQMLMT
SPASGVGLGT ACIKAGTSL LSLQDGAFQN PLMISQLLPI LNHKTYLDLI FPDCQASRVM
LVPAVEDPVH ISEVISVTLK VASALSPYEQ TFFVFAGSSL EDVLKLAQDG GGFTYGTQAS
LSGPYLTSVL GKDAGDREYW QLLRAPDTPL LQGIADYKPQ DGETIELRLV RW

[IDENTIFICATION]

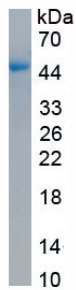


Figure. SDS-PAGE

[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.