

RPG794Hu01 50µg

Recombinant Transcobalamin I (TCN1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu24~Tyr433

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin300.

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: 4.9

Predicted Molecular Mass: 49.3kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

		EICEVSE	ENYIRLKPLL	NTMIQSNYNR
GTSAVNVVLS	LKLVGIIQIT	LMQKMIQIQI	YNVKSRLSDV	SSGELALIIL
ALGVCRNAEE	NLIYDYHLID	KLENKFQAEI	ENMEAHNGTP	LTNYYQLSLD
VLALCLFNGN	YSTAEVVNHF	TPENKNYYFG	SQFSVDTGAM	AVLALTCVKK
SLINGQIKAD	EGSLKNISII	TKSLVEKILS	EKKENGLIGN	TFSTGEAMQA
LFVSSDYNE	NDWNCQQLN	TVLTEISQGA	FSNPNAQAQV	LPALMGKTFI
DINKDSSCVS	ASGNFNI SAD	EPITVTTPDS	QSYISVNYSV	RINETYFTNV
TVLNGSVFLS	VMEKAQKMND	TIFGFTMEER	SWGPIYTCIQ	GLCANNNDRT
YWELLSGGEP	LSQGAGSYVV	RNGENLEVRW	SKY	

[IDENTIFICATION]

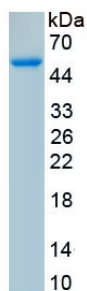


Figure. SDS-PAGE

[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.