#### RPN011Mu01 100µg Recombinant Transmembrane Protein 173 (TMEM173) Organism Species: Mus musculus (Mouse)

#### Instruction manual

#### FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

### [PROPERTIES]

Residues: Trp160~Leu371 Tags: Two N-terminal Tags, His-tag and T7-tag Accession: Q3TBT3 Host: *E. coli* Subcellular Location: Endoplasmic reticulum membrane; Multi-pass membrane protein. Mitochondrion outer membrane. Purity: >95% Endotoxin Level: <1.0EU per 1µg (determined by the LAL method). Formulation: Supplied as Iyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. Predicted isoelectric point: 5.2

Predicted Molecular Mass: 27.8kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

# [ <u>USAGE</u> ]

Reconstitute in sterile PBS, pH7.2-pH7.4.





### [ 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## [<u>SEQUENCES</u>]

The sequence of the target protein is listed below.

W SYYIGYLRLI LPGLQARIRM FNQLHNNMLS GAGSRRLYIL FPLDCGVPDN LSVVDPNIRF RDMLPQQNID RAGIKNRVYS NSVYEILENG QPAGVCILEY ATPLQTLFAM SQDAKAGFSR EDRLEQAKLF CRTLEEILED VPESRNNCRL IVYQEPTDGN SFSLSQEVLR HIRQEEKEEV TMNAPMTSVA PPPSVLSQEP RLLISGMDQP L