



YBN011Mu01 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 lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.**

Predicted isoelectric point: 5.2

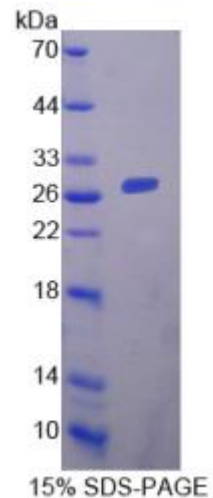
Predicted Molecular Mass: 27.8kDa

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

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

[USAGE]

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.

[SEQUENCES]

The sequence of the target protein is listed below.

**W SYYIGYLRLLI LPGLQARIRM FNQLHNNMLS GAGSRRLYL FPLDCGVPDN LSVVDPNIRF
RDMLPQQNID RAGIKNRVYS NSVYEILENG QPAGVCILEY ATPLQTLFAM SQDAKAGFSR
EDRLEQAKLF CRTLEEILED VPESRNNCRL IVYQEPTDGN SFSLSQEVLR HIRQEEKEEV
TMNAPMTSVA PPSVLSQEP RLLISGMDQP L**