

## Product datasheet for LY403737

## OriGene Technologies, Inc.

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## Tropomyosin 2 (TPM2) (NM\_213674) Human Over-expression Lysate

**Product data:** 

**Product Type:** Over-expression Lysates

**Description:** Transient overexpression lysate of tropomyosin 2 (beta) (TPM2), transcript variant 2

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** 

or AA Sequence:

TrueORF Clone RC204007

Tag: C-Myc/DDK

**Detection Antibodies:** Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)

ACCN: <u>NM 213674, NP 998839</u>

Synonyms: AMCD1; DA1; DA2B; DA2B4; HEL-S-273; NEM4; TMSB

**Predicted MW:** 33 kDa

Components: 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer

1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer

1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002%

Bromophenol blue, 100mM DTT)

Storage: The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after

dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -

80°C.

**Preparation:** HEK293T cells in 10-cm dishes were transiently transfected with MegaTran Transfection

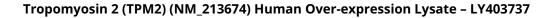
Reagent (TT200002) and 5ug <u>TrueORF</u> cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was

measured by BCA kit (Thermo Scientific Inc.).

RefSeq: NP 998839

**Locus ID:** 7169 **Cytogenetics:** 9p13.3







**Protein Pathways:** 

Cardiac muscle contraction, Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM)