

## Product datasheet for **LY402665**

### **TMEM100 (NM\_018286) Human Over-expression Lysate**

#### **Product data:**

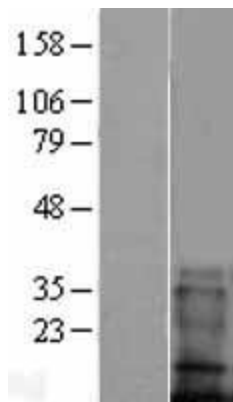
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|--|---|
| <b>Product Type:</b>                         | Over-expression Lysates   |
| <b>Description:</b>                          | Transient overexpression lysate of transmembrane protein 100 (TMEM100), transcript variant 2  |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | TrueORF Clone RC203980  |
| <b>Tag:</b>                                  | C-Myc/DDK   |
| <b>Detection Antibodies:</b>                 | Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)   |
| <b>ACCN:</b>                                 | <a href="#">NM_018286</a> , <a href="#">NP_060756</a>   |
| <b>Predicted MW:</b>                         | 14.4 kDa  |
| <b>Components:</b>                           | 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer<br>1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer<br>1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)  |
| <b>Storage:</b>                              | 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.  |
| <b>Preparation:</b>                          | HEK293T cells in 10-cm dishes were transiently transfected with <a href="#">MegaTran</a> Transfection Reagent (TT200002) and 5ug <a href="#">TrueORE</a> 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.). |
| <b>RefSeq:</b>                               | <a href="#">NP_060756</a>   |
| <b>Locus ID:</b>                             | 55273   |
| <b>Cytogenetics:</b>                         | 17q22   |



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Protein Families: Transmembrane

### Product images:



Western blot validation of overexpression lysate (Cat# [LY420469]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC223648] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).