

Datasheet for ABIN2733900

## TMEM5 Protein (Myc-DYKDDDDK Tag)

1 Image

1 Publication



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### Overview

Quantity:	20 µg
Target:	TMEM5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

### Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human TMEM5 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

### Target Details

Target:	TMEM5
Alternative Name:	Tmem5 ( <a href="#">TMEM5 Products</a> )
Background:	This gene encodes a type II transmembrane protein that is thought to have glycosyltransferase function. Mutations in this gene result in cobblestone lissencephaly. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	51 kDa

## Target Details

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NCBI Accession: [NP\\_055069](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

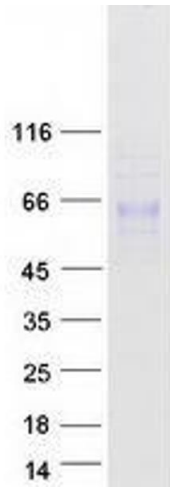
Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

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Product cited in: Praissman, Willer, Sheikh, Toi, Chitayat, Lin, Lee, Stalnaker, Wang, Prabhakar, Nelson, Stemple, Moore, Moremen, Campbell, Wells: "The functional O-mannose glycan on  $\alpha$ -dystroglycan contains a phospho-ribitol primed for matriglycan addition." in: **eLife**, Vol. 5, (2016) ([PubMed](#)).



### Western Blotting

**Image 1.** Validation with Western Blot