Datasheet for ABIN2734157

# TMPRSS4 Protein (Ser4, Transcript Variant 2) (Myc-DYKDDDDK Tag)

| 1 | Image |
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## Overview

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| Quantity: | 20 µg |
| Target: | TMPRSS4 |
| Protein Characteristics: | Ser4, Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TMPRSS4 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

## Product Details

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| Characteristics: | • Recombinant human Transmembrane protease, serine 4 (TMPRSS4), transcript variant 2 (transcript variant 2) protein expressed in HEK293 cells.<br>• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

## Target Details

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|---|---|
| Target: | TMPRSS4 |
| Abstract: | TMPRSS4 Products |
| Background: | This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The |

## Target Details

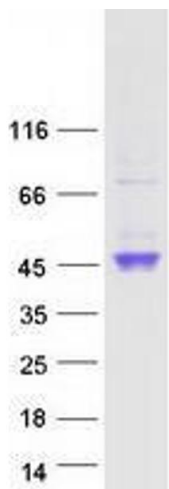|  | encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene. |
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| Molecular Weight: | 37.6 |
| NCBI Accession: | NP_899070 |

## Application Details

| 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

| Concentration: | 50 µg/mL |
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| 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. |

## Images



**Western Blotting**

**Image 1.** Validation with Western Blot