

Datasheet for ABIN7561416

**TMPRSS5 Protein (AA 1-455) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TMPRSS5
Protein Characteristics:	AA 1-455
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMPRSS5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tmprss5 Protein expressed in mammalian cells.
Sequence:	MSPTLDDQSP MEIRCTEEGA GPGIFRMELG DQRQSIQSQ RWCC LQRGCV ILGVLG LLAG AGIASWLLVL YLWPAASPSI SGT LQEEEMT LNC PGVSREE ELLPSLPKTV SFRINGEDLL LQVQVRARPD WLLVCH EGWS PALGMHICKS LGHIRLTQHK AVNLS DIKLN RSQEFAQLSA RPGGLVEESW KPSANCP SGR IVSLK CSECG ARPLASRIVG GQAVASGRWP WQASV MLGSR HTCGASVLAP HWWVTA AHCM YSFRLSRLSS WRVHAGLVSH GAVRQH QGTM VEKIIP HPLY SAQNHDYDVA LLQLRTPINF SDTVGAVCLP AKEQHFPWGS QCWVSWG WHT DPSHTHSSDT LQDTMVPLLS TYLCNSSCMY SGAL THRMLC AGYLDGRADA CQGD SGGPLV CPSGDTWHLV GVVSWGRGCA EPNRPGVYAK VAEFLDWIHD TVQVR <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

TMPRSS5

### Alternative Name:

Tmprss5 ([TMPRSS5 Products](#))

### Background:

Transmembrane protease serine 5 (EC 3.4.21.-) (Spinesin),FUNCTION: May play a role in hearing. {ECO:0000250}.

### Molecular Weight:

49.6 kDa

### UniProt:

[Q9ER04](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

### Restrictions:

For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months