

Datasheet for ABIN7558681

TMPRSS7 Protein (AA 1-829) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMPRSS7
Protein Characteristics:	AA 1-829
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMPRSS7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tmprss7 Protein expressed in mammalian cells.
Sequence:	MDKEKSDPSC KSSDLKISNI SIQVVSVP GK LPGRRPPRKP IGKPRPRKQP KKRAPFWNVQ NKIILFTVFL FILAVTAWTL LWLYISKTES KDAFYFVGMF RITNIEFLPE YRQKESREFL SMAKTVQQV NLVYTTSAFS KFYKQSVVAD VSSNNKGGLL VHFVWVFMVMP HAKGHIFCEE CVAAILKDSI QTSIINRTSV GSLQGLAVDM DSVVLNAGLR SDYSSAVGSD NGCSRYLYAD HLTLRYPLEI SATSGQLMCH FKLVAIVGYL IRLSIESIQL EADNCITDSL TVYDSSLPIR SAILYRICEP TRTLMSFVST NNLMLVILKS PYVRRLAGIR AYFEVIPEQK CESTILVKEI NSFEGKISSP YYP SYPPKC KCTWTFQTSL STLGIALKFY NYSITKKS AK GCEHWWEIN EHM YCGSYMD HETIFRV PSP LVHIQLQCSS RLS DKPLLVE YGGYNISQPC PAGESFRCSSG LCVPQAQRCD GVNDCFDESD ELFCVTVKPA CNSSSFRQH G PLVCDGFRDC EDGQDEQNCT RSIPCTSRTF KCGNDICFRK QNAQCDGIVD CPDGSDEEGC GCSRSSSFLH RIVGGSDSQE GTWPWQVSLH FVGSAYCGAS VISREWLLSA AHCFHGNRLS DPTPWTAHLG MYVQGN AKFI SPVRRIVVHE YYNSQTFDYD IALLQLSIAW PETLKQLIQP ICIPPAGQKV RSGEKCWVTG WGRRHEADSK

Product Details

GSPVLQQAEEV ELIDQTVCVS TYGIITSRML CAGVMSGKSD ACKGDSGGPL SCRRKSDGKW
ILTGIVSWG H GCGRPNFPGV YTRVSSFVPW IHKYVPSLL **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different 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

Target: TMPRSS7

Alternative Name: Tmprss7 ([TMPRSS7 Products](#))

Background: Transmembrane protease serine 7 (EC 3.4.21.-) (Matriptase-3),FUNCTION: Serine protease which preferentially hydrolyzes peptides with Arg at the P1 position.
{ECO:0000269|PubMed:15853774}.

Molecular Weight: 92.6 kDa

UniProt: [Q8BIK6](#)

Application Details

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

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
