

Datasheet for ABIN7555786

TMPRSS7 Protein (AA 1-843) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMPRSS7
Protein Characteristics:	AA 1-843
Origin:	Human
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:	MDKENS DVSA APADLKISNI SVQVVSAQKK LPVRRPPLPG RRLPLPGRRP PQRPIGKAKP KKQSKKKVPF WNVQNKILF TVFLFILAVI AWTLLWLYIS KTESKDAFYF AGMFRITNIE FLPEYRQKES REFLSVSRTV QQVINLVYTT SAFSKFYEQS VVADVSSNNK GLLLVHFWIV FVM PRAKGHI FCEDCVAAIL KDSIQTSIIN RTSVGS LQGL AVDMDSVVLN AGLRSDYSST IGSDKGCSQY FYAEHLSLHY PLEISAASGR LMCHFKLVAI VGYLIRLSIK SIQIEADNCV TDSLTIYDSL LPIRSSILYR ICEPTRTLMS FVSTNNLMLV TFKSPHIRRL SGIRAYFEVI PEQKCENTVL VKDITGFEGK ISSPYPSY PPKCKCTWKF QTSLS TLGIA LKFYNYSITK KSMKGCEHW WEINEHMYCG SYMDHQTIFR VPSPLVHIQL QCSSRLSDKP LLAEYGSYNI SQPCPVGSFR CSSGLCVPQA QRCDGVND CF DESDELFVCS PQPACNTSSF RQHGPLICDG FRDCENGRDE QNCTQSIPCN NRTFKCGNDI CFRKQNAKCD GTVDCPDGSD EEGCTCSRSS SALHRIIGGT DTLEGGWPWQ VSLHFVGSAY CGASVISREW LLSAAHCFHG NRLSDPTPWT AHLGMYVQGN AKFVSPVRR I VVHEYYNSQT FDYDIALLQL SIAWPETLKQ LIQPICIPPT

Product Details

GQRVRSGEKC WVTGWGRRHE ADNKGSLVLQ QAEVELIDQT LCVSTYGIIT SRMLCAGIMS
GKRDACKGDS GGPLSCRRKS DGKWILTGIV SWGHGSGRPN FPGVYTRVSN FVPWIHKYVP SLL

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:0000250}.

Molecular Weight: 94.4 kDa

UniProt: [Q7RTY8](#)

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
