

Datasheet for ABIN7555800

TMPRSS9 Protein (AA 1-1059) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMPRSS9
Protein Characteristics:	AA 1-1059
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMPRSS9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMPRSS9 Protein expressed in mammalian cells.
Sequence:	MEPTVADVHL VPRTTKEVPA LDAACCRAAS IGVVATSLVV LTLGVLLAFL STQGFHVDHT AELRGIRWTS SLRRETSYH RTLPTLEAL LHFLLRPLQT LSLGLEEELL QRGIRARLRE HGISLAAYGT IVSAELTGRH KGPLAERDFK SGRCPGNSFS CGNSQCVTKV NPECDDQEDC SDGSDEAHCE CGLQPAWRMA GRIVGGMEAS PGEFPWQASL RENKEHFCEGA AIINARWLVS AAHCFNEFQD PTKWVAYVGA TYLSGSEAST VRAQVVQIVK HPLYNADTAD FDVAVLELTS PLPFGRHIQP VCLPAATHIF PPSKKCLISG WGYLKEDFLV KPEVLQKATV ELLDQALCAS LYGHSLTDRM VCAGYLDGKV DSCQGDSSGGP LVCEEPSGRF FLAGIVSWG I GCAEARRPGV YARVTRLRDW ILEATTKASM PLAPTMAPAP AAPSTAWPTS PESPVVSTPT KSMQALSTVP LDWVTVPKLQ ECGARPAMEK PTRVVGGFGA ASGEVPWQVS LKEGSRHFCG ATVVGDRWLL SAAHCFNHTK VEQVRAHLGT ASLLGLGGSP VKIGLRRVVL HPLYNPGILD FDLAVLELAS PLAFNKYIQP VCLPLAIQKF PVGRKCMISG WGNTQEGNAT KPELLQKASV GIIDQKTCVS LYNFSLTDRM ICAGFLEGKV DSCQGDSSGGP LACEEAPGVF YLAGIVSWG I GCAQVKKPGV

Product Details

YTRITRLKGW ILEIMSSQPL PMSPPSTTRM LATTSPRTTA GLTVPGATPS RPTPGAASRV
TGQPANSTLS AVSTTARGQT PFPDAPEATT HTQLPDCGLA PAALTRIVGG SAAGRGEWPW
QVSLWLRRE HRCGAVLVAE RWLLSAAHCF DVYGDPKQWA AFLGTPFLSG AEGQLERVAR
IYKHFPYNLY TLDYDVALLE LAGPVRRSRL VRPICLPEPA PRPPDGTTRCV ITGWGVSREG
GSMARQLQKA AVRLLSEQTC RRFYPVQISS RMLCAGFPQG GVDSCSGDAG GPLACREPSG
RWVLTGVTSW GYGCGRPHFP GYTRVA AVR GWIGQHIQE **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: TMPRSS9

Alternative Name: TMPRSS9 ([TMPRSS9 Products](#))

Background: Transmembrane protease serine 9 (EC 3.4.21.-) (Polyserase-I) (Polyserine protease 1) (Polyserase-1) [Cleaved into: Serase-1, Serase-2, Serase-3],FUNCTION: Serase-1 and serase-2

Target Details

are serine proteases that hydrolyze the peptides N-t-Boc-Gln-Ala-Arg-AMC and N-t-Boc-Gln-Gly-Arg-AMC. In contrast, N-t-Boc-Ala-Phe-Lys-AMC and N-t-Boc-Ala-Pro-Ala-AMC are not significantly hydrolyzed.

Molecular Weight: 114.0 kDa

UniProt: [Q7Z410](#)

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