

Transmembrane protease serine 2 (TMPRSS2) Active Protein | TMPRSS2 active protein

Recombinant Human Transmembrane protease serine 2 (TMPRSS2), partial

CATALOG # AAA18665	HOST Yeast
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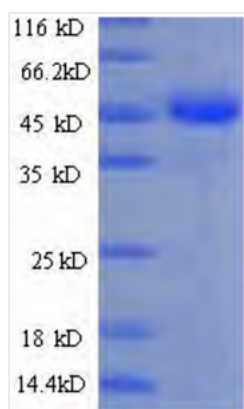
PRODUCT SYNONYMS

Transmembrane protease serine 2 (TMPRSS2); Recombinant Human Transmembrane protease serine 2 (TMPRSS2); partial; TMPRSS2 active protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	106-492aa; Partial.
Sequence	WKFMGSKCSN SGIECDSSGT CINPSNWCDG VSHCPGGEDE NRCVRLYGPN FILQVYSSQR KSWHPVCQDD WNENYGRAAC RDMGYKNNFY SSQGIVDDSG STSFMKLNTS AGNVDIYKKL YHSDACSSKA VVSLRCIACG VNLNSSRQSR IVGGESALPG AWPWQVSLHV QNVHVCGGS ITP EWIVTAA HCVEKPLNNP WHWTAFAGIL RQSFMFY GAG YQVEKVISHP NYDSKTKNND IALMKLQKPL TFNDLVK PVC LPNPGMMLQP EQLCWISGWG ATEEKGKTSE VLNAKVLLI ETQRCNSRYV YDNLITPAMI CAGFLQGNVD SCQGDSGGPL VTSKNNIWWL IGDTSWGS GC AKAYRPGVYG NVMVFTDWIY RQMRADG
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TMPRSS2 active protein	This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. This gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	227499990
NCBI GeneID	7113
NCBI Accession #	NP_001128571.1
NCBI GenBank Nucleotide #	NM_001135099.1
UniProt Accession #	O15393; Q6GTK7; Q9BXX1; A8K6Z8; B2R8E5; B7Z459; D3DSJ2; F8WES1
Molecular Weight	44.8 kDa
NCBI Official Full Name	transmembrane protease serine 2 isoform 1
NCBI Official Synonym Full Names	transmembrane serine protease 2
NCBI Official Symbol	TMPRSS2
NCBI Official Synonym Symbols	PP9284; PRSS10
NCBI Protein Information	transmembrane protease serine 2
UniProt Protein Name	Transmembrane protease serine 2
UniProt Gene Name	TMPRSS2
UniProt Synonym Gene Names	PRSS10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/yeast-active-protein/transmembrane-protease-serine-2-tmprss2/18665>