

## TMRSS2 Protein, Human (P.pastoris, His)

Cat. No.:	HY-P72043
Synonyms:	Serine protease 10; PRSS10;
Species:	Human
Source:	P. pastoris
Accession:	O15393 (W106-G492)
Gene ID:	7113
Molecular Weight:	Approximately 45 kDa

### PROPERTIES

AA Sequence	<p>           WKFMGSKCSN    SGIECDSSGT    CINPSNWCDG    VSHCPGGED E            NRCVRLYGPN    FILQVYSSQR    KSWHPVCQDD    WNENYGRAAC            RDMGYKNNFY    SSQGI VDDSG    STSFMKLNTS    AGNVDIYKKL            YHSDACSSKA    VVSLRCIACG    VNLNSSRQSR    IVGGESALPG            AWPWQVSLHV    QNVHVCGGSI    ITPEWIVTAA    HCVEKPLNNP            WHWTAFAFIL    RQSFMFYGAG    YQVEKVISHP    NYDSKTKNND            IALMKLQKPL    TFDNLVKPVC    LPNPGMMLQP    EQLCWISEGWG            ATEEKGKTSE    VLNAAKVLLI    ETQRCNSRYV    YDNLITPAMI            CAGFLQGNVD    SCQGDSGGPL    VTSKNNIWWL    IGDTSWGSGC            AKAYRPGVYG    NVMVFTDWIY    RQMRADG         </p>
Biological Activity	Recombinant Human TMRSS2 His tag protein enzyme activity is measured by its ability to cleave fluorogenic peptide substrate, The Km is 0.05 $\mu$ M.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m solution of Tris-based buffer, 50% Glycerol.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in sterile distilled water.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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