# **I**C ImmunoClone

#### Recombinant Human Transmembrane Protease, Serine 2 (TMPRSS2) Catalog # IC8795

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[ PROPERTIES ]

Source: Prokaryotic expression

Host: E.coli

Residues: Ser284~Gly492

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.2

Predicted Molecular Mass: 27.0kDa

**Accurate Molecular Mass:** 27kDa as determined by SDS-PAGE reducing conditions.

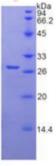
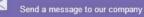


Figure 2. SDS-PAGE

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Tel: 631-424-0089 Fax: 631-424-0095



info@immunoclone.com



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### [USAGE]

Reconstitute in  $ddH_2O$  to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### [STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

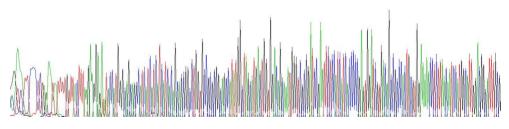
Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

#### [ SEQUENCE ]

SIITPEW IVTAAHCVEK PLNNPWHWTA FAGILRQSFM FYGAGYQVEK VISHPNYDSK TKNNDIALMK LQKPLTFNDL VKPVCLPNPG MMLQPEQLCW ISGWGATEEK GKTSEVLNAA KVLLIETQRC NSRYVYDNLI TPAMICAGFL QGNVDSCQGD SGGPLVTSKN NIWWLIGDTS WGSGCAKAYR PGVYGNVMVF TDWIYRQMRA DG

[IDENTIFICATION]



#### Figure . Gene Sequencing (extract)

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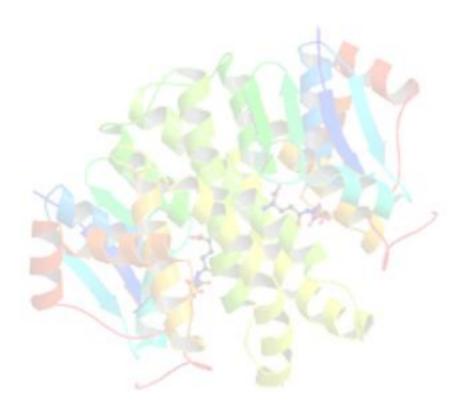
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#### [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.



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