

Recombinant Human TMPRSS2 protein, MBP&His-Avi-tagged

Cat. No. TMPRSS2-4592H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human TMPRSS2 protein(O15393)(106-492aa), fused to N-terminal MBP tag and N-terminal His tag and Avi tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 106-492aa |
| Form | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Molecular Mass | 90.6 kDa |
| AA Sequence | <p>WKFMGSKCSNSGIECDSSGTCINPSNWCDGVSHCPGGEDENRCVRLYGPNFILQV YSSQRKSWHPVCQDDWNENYGRAACRDMGYKNNFYSSQGIVDDSGSTSFMKLNT SAGNVDIYKKLYHSDACSSKAVVSLRCIACGVNLNSSRQSRIVGGESALPGAWPWQ VSLHVQNVHVCGGSITPEWIVTAAHCVEKPLNNPWHWTAFAFILRQSFMYGAGY QVEKVISHPNYDSKTKNNDIALMKLQKPLTFNDLVKPVCLPNPGMMLQPEQLCWISG WGATEEKGKTSEVLNAAKVLLIETQRCNSRYVVDNLITPAMICAGFLQGNVDSCQGD SGGPLVTSKNNIWWLIGDTSWGSGCAKAYRPGVYGNVMVFTDWIYRQMRADG</p> |
| Purity | Greater than 85% as determined by SDS-PAGE. |

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| Storage | Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | TMPRSS2 transmembrane protease, serine 2 [Homo sapiens] |
| Official Symbol | TMPRSS2 |
| Synonyms | TMPRSS2; transmembrane protease, serine 2; transmembrane protease serine 2; PRSS10; epitheliasin; serine protease 10; PP9284; FLJ41954; |
| Gene ID | 7113 |
| mRNA Refseq | NM_001135099 |
| Protein Refseq | NP_001128571 |
| MIM | 602060 |
| UniProt ID | O15393 |

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