Recombinant Human TMPRSS2 protein, His-sumostar-tagged

Cat. No. TMPRSS2-4599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMPRSS2 protein(O15393)(106-492aa (R255Q)), fused to N-terminal His tag and sumostar tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	106-492aa (R255Q)
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.
AA Sequence	WKFMGSKCSNSGIECDSSGTCINPSNWCDGVSHCPGGEDENRCVRLYGPNFILQV YSSQRKSWHPVCQDDWNENYGRAACRDMGYKNNFYSSQGIVDDSGSTSFMKLNT SAGNVDIYKKLYHSDACSSKAVVSLRCIACGVNLNSSRQSQIVGGESALPGAWPWQ VSLHVQNVHVCGGSIITPEWIVTAAHCVEKPLNNPWHWTAFAGILRQSFMFYGAGY QVEKVISHPNYDSKTKNNDIALMKLQKPLTFNDLVKPVCLPNPGMMLQPEQLCWISG WGATEEKGKTSEVLNAAKVLLIETQRCNSRYVYDNLITPAMICAGFLQGNVDSCQGD SGGPLVTSKNNIWWLIGDTSWGSGCAKAYRPGVYGNVMVFTDWIYRQMRADG
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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

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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