

Active Recombinant Human TMPRSS11D Protein, His-tagged

Cat. No. TMPRSS11D-996H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMPRSS11D (Accession # O60235) Ala42-Ile418, fused with an N-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Ala42-Ile418
Predicted N Terminal	Ile187 & His
Form	Lyophilized from a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, t-butoxycarbonyl-Phe-Ser-Arg-7-amino-4-methyl coumarin (Boc-FSR-AMC). The specific activity is >50,000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human TMPRSS11D, His-tagged has a calculated MW of 25 kDa & 17 kDa . In SDS-PAGE migrates as 27 kDa and 18 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	TMPRSS11D transmembrane protease, serine 11D [Homo sapiens]
Official Symbol	TMPRSS11D
Synonyms	TMPRSS11D; transmembrane protease, serine 11D; transmembrane protease serine 11D; airway trypsin like protease; airway trypsin-like protease; HAT; MGC150587; MGC150588;
Gene ID	9407
mRNA Refseq	NM_004262
Protein Refseq	NP_004253
MIM	605369
UniProt ID	O60235
Chromosome Location	4q13.2

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