

## Recombinant Human TMPRSS11B Protein

Catalog #	Source	Reactivity	Applications
CRP2396	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human TMPRSS11B Protein is produced by our mammalian expression system and the target gene encoding Leu39-Leu416 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	TMPRSS11B		
<b>Alternative Names</b>	HATL5; Transmembrane protease serine 11B; Airway trypsin-like protease 5		
<b>Entrez Gene</b>	132724 (Human)		
<b>SwissProt</b>	Q86T26 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	LAVEKTYYYQ GDFHISGVTY NDNCEAASQ ASTNLSKDIE TKMLNAFQNS SIYKEYVKSE VIKLLPNANG SNVQLQLKFK FPPAEGVSMR TKIKAKLHQM LKNNMASWNA VPASIKLMEI SKAASEMLTN NCCGRQVANS IITGNKIVNG KSSLEGAWPW QASMQWKGRH YCGASLISSR WLLSAAHCFA KKNNSKDWTN NFGVVVNKPY MTRKVQNIIF HENYSSPGLH DDIALVQLAE EVSFTEYIRK ICLPEAKMKL SENDNVVVTG WGTLYMNGSF PVILQEAFLK IIDNKICNAS YAYSGFVTDS MLCAGFMSG EADACQNDSSG PLAYPDSRNI WHLVGIVSWG DGCCKKNKPG VYTRVTSYRN WITSKTGLVD HHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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