

# Recombinant Human TMPRSS11B Protein (His Tag)

Catalog Number:PKSH032049



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

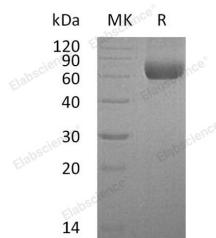
## Description

<b>Synonyms</b>	Transmembrane Protease Serine 11B;Airway Trypsin-Like Protease 5;TMPRSS11B;HATL5
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Leu39-Leu416
<b>Accession</b>	Q86T26
<b>Calculated Molecular Weight</b>	43.1 kDa
<b>Observed molecular weight</b>	61 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Reconstitution</b>	Not Applicable

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Transmembrane Protease Serine 11B (TMPRSS11B) is a single-pass type II membrane protein member of the peptidase S1 family. TMPRSS11B contains one peptidase S1 domain and one SEA domain. TMPRSS11B is a serine protease that may play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions.

## For Research Use Only

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