

## HATL5 Protein, Human, Recombinant (His)

### General Information

Synonyms:	HATL5;Transmembrane Protease Serine 11B;Airway Trypsin-Like Protease 5;TMPRSS11B
Protein Construction:	Leu39-Leu416
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q86T26
Molecular Weight:	61 KDa (reducing condition)
AA Sequence:	Leu39-Leu416

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein 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.

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