



Recombinant Protein Technical Manual
Recombinant Human TMPRSS11B Protein (His Tag)
RPES2186

Product Data:

Product SKU: RPES2186

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q86T26

Protein Information:

Molecular Mass: 43.1 kDa

AP Molecular Mass: 61 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: 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.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Transmembrane Protease Serine 11B; Airway Trypsin-Like Protease 5; TMPRSS11B; HATL5

Immunogen Information:

Sequence: Leu39-Leu416

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.