

## Recombinant Human TMPRSS11B

Catalog No: #GP12141



Package Size: #GP12141-1 100ug

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## Description

Product Name	Recombinant Human TMPRSS11B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 200-350 amino acids of human transmembrane protease, serine 11B
Target Name	transmembrane protease, serine 11B
Accession No.	Swissprot:Q86T26Gene Accession:BC126195
Uniprot	Q86T26
GeneID	132724;
Storage	-20~-80°C, pH 7.6 PBS

## Background

TMPRSS11B (transmembrane protease serine 11B), also known as airway trypsin-like protease 5, is a 416 amino acid single-pass type II membrane protein that belongs to the peptidase S1 family and contains one peptidase S1 domain and one SEA domain. The gene that encodes TMPRSS11B consists of over 19,000 bases and maps to human chromosome 4q13.2. Chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is encoded by a gene that maps to chromosome 4. FGFR-3 is also encoded by a gene located on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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