TMPRSS11B 抗原（重组蛋白）

中文名称： TMPRSS11B 抗原（重组蛋白）

英文名称： TMPRSS11B Antigen (Recombinant Protein)

别　名： transmembrane protease, serine 11B

储　存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 200-350 amino acids of human TMPRSS11B

技术规格

Full name:	transmembrane protease, serine 11B
Swissprot:	Q86T26
Gene Accession:	BC126195
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.