

## Product datasheet for TP323128

### PRSS16 (NM\_005865) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protease, serine, 16 (thymus) (PRSS16), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223128 representing NM_005865 Red=Cloning site Green=Tags(s)

MAVWLAQWLGPLLLVSLWGLLAPASLLRRLGEHIQQFQESSAQGLGLSLGPGAAALPKVGVWLEQLLDPFN  
VSDRRSFLQRYWVNDQHWVGQDGPIFLHLGGEGSLGPGSVMRHPAALAPAWGALVISLEHRFYGLSIPA  
GGLEMAQLRFLSSRLALADVVSARLALSRLFNISSSSPWICFGGSYAGSLAAWARLKFPHLIFASVASSA  
PVRAVLDFSEYNDVVSRLMSTAIGGSLECRAAVSVAFAEVERRLRSGGAAQAALRTELSACGPLGRAEN  
QAEELLGALQALVGGVVQYDGTGAPLSVRQLCGLLGGGNRSHSTPYCGLRRAVQIVLHSLGQKCLSFS  
RAETVAQLRSTEPQLSGVGDRQWLYQTCTEFGFYVTCENPRCPFSQLPALPSQLDLCEQVFGLSALSVAQ  
AVAQTN SYGGQTPGANKVLFVNGDTPWHVLSVTQALGSSESTLLIRTGSHCLDMAPERPSDSPSLRLG  
RQNIFFQQLQTWLKLAKESQIKGEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	54.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_005856](#)

Locus ID: 10279

UniProt ID: [Q9NQE7](#)

RefSeq Size: 2722

Cytogenetics: 6p22.1

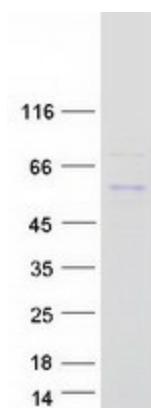
RefSeq ORF: 1542

Synonyms: TSSP

**Summary:** This gene encodes a serine protease expressed exclusively in the thymus. It is thought to play a role in the alternative antigen presenting pathway used by cortical thymic epithelial cells during the positive selection of T cells. The gene is found in the large histone gene cluster on chromosome 6, near the major histocompatibility complex (MHC) class I region. A second transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Protease, Transmembrane

### Product images:



Coomassie blue staining of purified PRSS16 protein (Cat# TP323128). The protein was produced from HEK293T cells transfected with PRSS16 cDNA clone (Cat# [RC223128]) using MegaTran 2.0 (Cat# [TT210002]).