

## 32-7613: Recombinant Mouse Interleukin-33/PRSS8 (C-Fc)(Discontinued)

**Gene :** IL33  
**Gene ID :** 77125  
**Uniprot ID :** Q99L46

### Description

Source: Human Cells.  
MW :55kD.

Recombinant Mouse Prostatin is produced by our Mammalian expression system and the target gene encoding Ala30-Gln289 is expressed with a Fc tag at the C-terminus. Prostatin also known as channel activating protease 1 (CAP1), is a trypsinlike serine peptidase, and plays important roles in epithelial physiology. Mouse Prostatin is found in the seminal fluid and secreted after cleavage of its C-terminus. Prostatin is found to activate the epithelial sodium channel (ENaC) which is regulated and is critical for maintaining salt and fluid balance in the lung and kidney in both normal and pathological conditions. Accordingly, prostatin has been proposed as a target for therapeutic inhibition in cystic fibrosis. In addition, prostatin inhibits prostate and breast cancer cell invasion in vitro, suggesting a functional role as a suppressor of tumor invasion, as well as a regulator of gene expression during inflammation.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** ADGTEASCGAVIQPRITGGGSAKPGQWPWQVSITYDGNHVC GGSLVSNKVVVSAAHCFPREHSREAYEVKLG  
AHQLDSYSNDTVVHTVAQIITHSSYREEGSQGDIALIRLSSPVTFSTRYIRPICLPAANASFPNGLHCTVTGWGHV  
APSVSLQTPRPLQQLEVPLISRETCCLYNINAVPEEPHTIQDMLCAGYVKGKDACQGDSSGGLSCPMEGIW  
YLAGIVSWG DACGAPNRPGVYTLTSTYASWIIHHVAELQVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSV  
FLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDW  
LNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPE  
NNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSV MHEALHNHYTQKLSLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.