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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 Prostasin is produced by our Mammalian expression system and the target gene encoding Ala30-Gln289 is expressed with a Fc tag at the C-terminus. Prostasin also known as channel activating protease 1 (CAP1), is a trypsinlike serine peptidase, and plays important roles in epithelial physiology. Mouse Prostasin is found in the seminal fluid and secreted after cleavage of its C-terminus. Prostasin 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, prostasin has been proposed as a target for therapeutic inhibition in cystic fibrosis. In addition, prostasin 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 : ADGTEASCGAVIQPRITGGGSAKPGQWPWQVSITYDGNHVCGGSLVSNKWVVSAAHCFPREHSREAYEVKLG
AHQLDSYSNDTVVHTVAQIITHSSYREEGSQGDIALIRLSSPVTFSRYIRPICLPAANASFPNGLHCTVTGWGHV
APSVSLQTPRPLQQLEVPLISRETCSCLYNINAVPEEPHTIQQDMLCAGYVKGGKDACQGDSGGPLSCPMEGIW
YLAGIVSWGDACGAPNRPGVYTLTSTYASWIHHHVAELQVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSV
FLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDW
LNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPE
NNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.