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32-7549: Recombinant Human Proteinase 3/PRTN3/Myeloblastin (C-6His)

Gene : PRTN3
Gene ID : 5657
Uniprot ID : P24158

Description

Source: Human Cells.
MW :25.64kD.
Recombinant Human Proteinase 3 is produced by our Mammalian expression system and the target gene encoding Ala26-Arg249 is expressed with a 6His tag at the C-terminus. Proteinase-3 is a neutral serine proteinase that belongs to the peptidase S1 family and Elastase subfamily. It contains one peptidase S1 domain and it is expressed mainly in neutrophil granulocytes. The primary function of Proteinase-3 is thought to be degradation of extracellular proteins at sites of inflammation, but excessive or prolonged proteolytic activity may cause harmful effects in the body. It is the epitope of anti-neutrophil cytoplasmic antibodies (ANCAs) of the cANCA (cytoplasmic subtype) class, a type of antibody frequently found in the disease Wegener's granulomatosis.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 10mM TrisHCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : AEIVGGHEAQPHSRPYMASLQMRGNPGSHFCGGTLIHPSFVLTAAHCLRDIPQRLVNVVLGAHNVRTQEPTQQHFSVAQVFLNNYDAENKLNDVLLIQLSSPANLSASVATVQLPQQDQPVPHGTQCLAMGWGRVGAHDPPAQVLQELNVTVVTFFCRPHNICTFVPRRKAGICFGDSGGPLICDGIIQGIDSFVIWGCATRLFPDFFTRVALYVDWIRSTLRRVDHHHHHH

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.