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32-7457: Recombinant Human Tryptase beta-2/TPSB2 (C-6His)

Gene : TPSB2
Gene ID : 64499
Uniprot ID : P20231

Description

Source: Human Cells.
MW :29.64kD.
Recombinant Human Tryptase beta-2 is produced by our Mammalian expression system and the target gene encoding Ala19-Pro275 is expressed with a 6His tag at the C-terminus. Tryptases are Trypsin-like Serine Proteases. beta-Tryptases are the main isoenzymes in mast cells. b tryptases form active tetramers with heparin proteoglycan. In the tetramer, the unique arrangement of the active sites facing a narrow central pore, beta-Tryptases are resistant to macromolecule protease inhibitors . When mast cells are activated, beta-Tryptases are released and participate in provoking inflammatory conditions . beta-Tryptases have been implicated as mediators in the pathogenesis of asthma and other allergic disorders.

Product Info

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

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.