9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-7848: Recombinant Human Trypsin 1/TRP1/TRY1/TRYP1/PRSS1 (C-Fc-6His)(Discontinued)

Gene : PRSS1
Gene ID : 5644
Uniprot ID : P07477

Description

Source: Human Cells.
MW :52.9kD.
Recombinant Human Trypsin 1 is produced by our Mammalian expression system and the target gene encoding Ala16-Ser247 is expressed with a Fc, 6His tag at the C-terminus. Trypsin-1, also known as Beta-trypsin, Cationic trypsinogen, Serine protease 1, Trypsin I, TRP1, TRY1, TRY4, TRYP1 and PRSS1, is a member of the trypsin family of serine proteases. PRSS1 contains one peptidase S1 domain and binds one calcium ion per subunit. PRSS1 is secreted by the pancreas and cleaved to its active form in the small intestine. Trypsin-1 is active on peptide linkages involving the carboxyl group of lysine or arginine. Defects in PRSS1 are a cause of pancreatitis (PCTT), which characterized by the presence of calculi in pancreatic ducts.

Product Info

Amount : 10 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.2.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : APFDDDDKIVGGYNCEENSVPYQVSLNSGYHFCGGSLINEQWVVSAGHCYKSRIQVRLGEHNIEVLEGNEQFI
NAAKIIRHPQYDRKTLNNDIMLIKLSSRAVINARVSTISLPTAPPATGTKCLISGWGNTASSGADYPDELQCLDAP
VLSQAKCEASYPGKITSNMFCVGFLEGGKDSCQGDSGGPVVCNGQLQGVVSWGDGCAQKNKPGVYTKVYNY
VKWIKNTIAANSVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHE
DPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ
PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSR
WQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH

Application Note

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

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