

32-7412: Recombinant Human Chymotrypsin-Like Protease CTRL-1/CTRL (C-6His)

Gene : CTRL
Gene ID : 1506
Uniprot ID : P40313

Description

Source: Human Cells.
MW :27.15kD.

Recombinant Human CTRL is produced by our Mammalian expression system and the target gene encoding Cys19-Asn264 is expressed with a 6His tag at the C-terminus. Chymotrypsin-Like Protease CTRL-1 is a protease that belongs to the peptidase S1 family. Human CTRL-1 is synthesized as a 264 amino acid (aa) precursor that contains an 18 aa signal sequence, 15 aa activation peptide and a 231 aa mature chain. CTRL-1 Contains 1 peptidase S1 domain. It has many molecular functions, such as hydrolase, protease, and serine protease. CTRL-1 plays a role in digest and hydrolyze proteins in biological process.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM 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 : CGIPAIKPALSFSQRIVNGENAVLGSWPWQVSLQDSSGFHFCGGSLISQSWVVTAHCVSPGRHFVVLGEYD
RSSNAEPLQVLSVSRAITHPSWNSTTMNNDVTLLKLASPAQYTRISPVCLASSNEALTEGLTCVTTGWGRLSG
VGNVTPAHLQQVALPLVTVNQCRCQYWGSSITDSMICAGGAGASSCQGDSSGGLVLCQKGNTWVVLIGIVSWG
KNCNVRAPAVYTRVSKFSTWINQVIAYNVDDHHHHHH

Application Note

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