

32-7416: Recombinant Human Cystatin SN/CST1 (C-6His)

Gene : CST1
Gene ID : 1469
Uniprot ID : P01037

Description

Source: Human Cells.
MW :15.35kD.

Recombinant Human Cystatin SN is produced by our Mammalian expression system and the target gene encoding Trp21-Ser141 is expressed with a 6His tag at the C-terminus. Cystatin-SN is a member of family 2 of the Cystatin superfamily and a cysteine proteinase inhibitor found in saliva, tears, urine, and seminal fluid. Together with Cystatins S and SA, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva. Cystatin-SN inhibits members of the Papain family including Cathepsins B, C, H and L.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM MES, 150mM NaCl, pH 5.5.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : WSPKEEDRIIPGGIYNADLNDEWVQRALHFAISEYNKATKDDYRRPLRVLRRARQQTVGGVNYFFDVEVGRITC
TKSQPNLDTCAFHEQPELQKKQLCSFEIYVPWENRRSLVKSRCQESVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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