

Recombinant Human Cystatin A Protein(N-6His)

Cat.NO.: TP04864

3th Edition

Synonyms:Cystatin-A; Cystatin-AS; Stefin-A; CSTA; STF1; STFA

Description:Human Cystatin A (CSTA) is a member of family 1 of the cystatin superfamily, which is characterized by lacking of disulphide bonds and carbohydrates. Cystatin A is an intracellular inhibitor regulating the activities of cysteine proteases of the papain family such as Cathepsins B, H and L. Cystatin A is also implicated in a number of disease states. Due to altered proteolytic state in cancer progression, Cystatin A may play a role in the proteolytic pathways.

Form:PBS

Molecular Weight:11.8 kDa

Sequences:Ile2-Phe98

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.