

CST4, 21-141aa, Human, His tag, E.coli

Cat.NO.: TP01750

3th Edition

Synonyms:Cystatin S.

Description:CST4 (Cystatin-S) belongs to the cystatin family. The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity.

Form:Liquid. In 20 mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT, 50mM NaCl

Molecular Weight:16.8kDa (145aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMSSSSKEENRIIPGGIYDADLNDEWVQRALHFAISEYNKATEDEYYRRPLQVL
RAREQTFGGVNYFFDVEVGRITCKSQPNLDTCAFHEQPELQKKQLCSFEIYVWPWEDRMSLVNSRCQEA

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

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.