

CSTA, 1-98aa, Human, His tag, E.coli

Cat.NO.: TP01756

3th Edition

Synonyms:Cystatin-A, STF1, STFA

Description:CSTA, also known as Stefin A, is thiol protease inhibitors that form complexes with papain and the cathepsins B, H and L. The protein is one of the precursor proteins of the cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:13.1 kDa (118aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMIPGGLSEAKPATPEIQEIVDKVKPQLEEKTNETYGKLEAVQYKTQVVAGTNYIYK
VRAGDNKYMHLKVFKSLPGQNEDLVLTGYQVDKNKDELDTGF

Purity:> 95% by HPLC

Concentration:1 mg/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.