

CSTB, 1-98 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01758

3th Edition

Synonyms:Cystatin B, Stefin B, PME, CST6

Description:CSTB, also known as Cystatin B is an anti-protease implicated in myoclonus epilepsy, a degenerative disease of the central nervous system. 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 20mM Tris pH 8.0, 50 mM NaCl

Molecular Weight:13 kDa (118 aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMMCGAPSATQPATAETQHIADQVRSQLEEKENKKFPVFKAVSFKSQVVAGTNYFI
KVHVGDEDFVHLRVFQSLPHENKPLTLSNYQTNKAKHDELTYP

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.