

**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  
KVHVGDEDFVHLRVFQSLPHENKPLTLSNYQTNKAKHDELTYF

**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.