

Mouse CST3 Recombinant Protein



RPPB3285

Product Information Protein Information

Product SKU:

RPPB3285

Accession:

P21460

Host:

Sf9, Baculovirus cells.

Protein description:

CST3 Mouse produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 126 amino acids (21-140 a.a.) and having a molecular mass of 14.2kDa (Molecular size on SDS-PAGE will appear at approximately 13.5-18kDa).CST3 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Cystatin-C, Cystatin-3, Cst3, CST3

Formulation:

CST3 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ATPKQGPRML GAPEEADANE EGVRRALDFA VSEYNKGSND AYHSRAIQVV RARKQLVAGV NYFLDVEMGR
TTCTKSQTNL TDCPFHDQPH LMRKALCSFQ IYSVPWKGTH SLTKFCKNA HHHHHH

Biological Activity:

The IC50 value is < 1.0nM. The inhibitory function of Cystatin 3 on protease activity of papain was measured by a fluorometric assay using Z-FR-AMC at pH 7.5 at 25°C.