

CST9, 29-159aa, Human, His tag, E.coli

Cat.NO.: TP01755

3th Edition

Synonyms:Cystatin 9, CLM.

Description:Cystatin 9, also known as CST9, is a member of the CRES (cystatin-related epididymal spermatogenic) subfamily. The CRES (cystatin-related epididymal spermatogenic) protein defines a newsubgroup in the family 2 cystatins of the cystatin superfamily. 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-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:17.2 kDa (152aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMWCSEEEMGGNNKIVQDPMFLATVEFALNTFNVQSKEEHAYRLLRVLSSWRED
SMDRKWRGKMFVFSMNLQLRQTVCRKFEDDIDNCPFQESLELNNVRQGISFPQVHSCGCCMGCGVGTGAADKAIP
RDKGK

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.