

**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 new subgroup 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:**

MGSSHHHHHSSGLVPRGSHMWCSEEEMGGNNKIVQDPMFLATVEFALNTFNVQSKEEHAYRLLRVLSSWRED  
SMDRKWRGKMVFSMNLQLRQTVCRKFEDDIDNCPFQESLELNNVRQGISFPQVHSCGCCMGCGVGTGAADKAIP  
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.